

<213> Homo sapiens

<400> 35858

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ttgcagataa agaaactgag gccaaagtac acaactaatt tgccagcgta acagctggag	120
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<210> 35859

<211> 292

<212> DNA

<213> Homo sapiens

<400> 35859

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gagaccagc atagccaggc cagtatggag cacctcacgc acagctctca gaagctgcag	180
gcggaagaa atctgacaa agaggtgtgg tctgagctcc tgaaagagaa agggcctgct	240
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<210> 35860

<211> 189

<212> DNA

<213> Homo sapiens

<400> 35860

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ttatttgctc cttgtgcatt gtgtchnaat taaaagcagt tctcttcaca gaggcacttg	180
taggatttt	189

<210> 35861

<211> 141

<212> DNA

<213> Homo sapiens

<400> 35861

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<210> 35862

<211> 80

<212> DNA

<213> Homo sapiens

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<210> 35863

<211> 399

<212> DNA

<213> Homo sapiens

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 aatctcagga ggaagatcag ccaatwawtt attaaaaggv aaagaggaag acctcgcaaa 120
 taccctgtag aaacaacgtt aaaaatgaac gactccaaaa cagatactgg cattgtcact 180
 gtaagtaatt gcaaaacatg acaatttcaa atacttgctc ttaacctgaa aaacggtata 240
 atgcaatatc tagtattttg aactttattt tttttacttg aaaagcbtta aaagactgag 300
 taaccattca tatattttga ttacyagtat ctttgtgtaa acagagttac attagtkgtk 360
 cttcattctg attccattct aattcaggag tttgattat 399

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 <212> DNA
 <213> Homo sapiens

<400> 35864
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 ggaaagaact acattcttca gaatacagtg atgaaaattc attttgaaac tcaaataattt 180
 tcatttttga tattctcctg tttttattaa accagtgatt acacctggcc atccctctaa 240
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 gaaacacaga tac 313

<210> 35865
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 35865
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 catggactag gaagaaaaca tggtttccaa ataactctgg agcttttggc catggtgccg 300
 ccttctgaa ttggcagtg tccagagcaca cctgaaccct atcctgggct ggtgatgagc 360
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<210> 35866
 <211> 181
 <212> DNA
 <213> Homo sapiens

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 aagcccttgg tctggggagt aacagcatag ggatcaacca tctcgtcttg ccactgccct 180
 c 181

<210> 35867
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 35867
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tgttcacagg aggtggggac gcctctgcgc gargaacgag gagctacggg cctgggcccg 120
gttattgcca tgggcagcgg ctgccgcac gaatgcata tcttcagcga gttccacccc 180
acgccga 187

<210> 35868
<211> 195
<212> DNA
<213> Homo sapiens

<400> 35868
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ggttagaagg agtctagtcc ctgatggcca ctgagctgca gaaccagcct gggctgcttc 180
ctgctggatg tcaact 195

<210> 35869
<211> 142
<212> DNA
<213> Homo sapiens

<400> 35869
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tgaaaaagaa tgaatatccc cagagatcta tgaacaatat aaaaaaacta tcataaacgg 120
aagtagagtc ccagcaggga aa 142

<210> 35870
<211> 85
<212> DNA
<213> Homo sapiens

<400> 35870
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ctgtctcctg ccttcccctg ggaac 85

<210> 35871
<211> 273
<212> DNA
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tcattcatgt gttgagactc attcttgagt katggatgrc aaggcttctr ttggaaaaat 120
cagtgtctct tcagactcag tatctactct taatagtga gattttgtct tggtttccag 180
gcaaggagat gagacacat ctacaaataa tggaagtgat gatgagaaaa caggactcaa 240
gattgtaggg aatggaagtg aacagcagct aca 273

<210> 35872
<211> 416
<212> DNA
<213> Homo sapiens

<400> 35872
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aagaaaagag caagctgtcc agagagtga aagtttgaaa agagaggtgc ataagagaga 120

aatgatgtcc	atgtgagccc	caccacggag	gttatgtggt	cccaaaagga	atgatggcca	180
agcaattaat	ttttcctcct	agttcttagc	ttgcttctgc	attgattggc	tttacacaac	240
tggcatttag	tctgcattac	acaaatagac	actaatttat	ttggaacaag	cagcaaatg	300
agaactttat	ttggtgcagt	cagggctcca	tttagttccc	tcactctgct	tctaatacacc	360
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<210> 35873
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 <212> DNA
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gctgtttgcc	ttcagaagct
gcaaagaatg	tatgtt
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	120
	180
	240
	300
	360
	376

<210> 35874
 <211> 175
 <212> DNA
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<400> 35874	
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	120
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<210> 35876
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 <212> DNA
 <213> Homo sapiens

<400> 35876	
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gtaaaagtac	aagaggagga
cataaatcac	accaca
	60
	120
	180
	240
	256

<210> 35877
 <211> 182

<212> DNA
<213> Homo sapiens

<400> 35877
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taaatcataa aactttgtaa gtggcagaac aaggatttga agctggcagt ctggttccag 120
agatgggggtt ttactatgtt acccaggctg gtcttgaact tctgttctca agagaccac 180
ac 182

<210> 35878
<211> 183
<212> DNA
<213> Homo sapiens

<400> 35878
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taaaaaatta tttttgaatg tgtgacttag rdaagaatta cgtgtgtgtg acaacttaac 120
cttagctctg gggtgaccct ggcactggat tagtttctgg tctgacttg taaccatgga 180
aca 183

<210> 35879
<211> 285
<212> DNA
<213> Homo sapiens

<400> 35879
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gaggtgggca gatcaccgga dgtcaggagt tgcagaccag ccttgccaac atagtgaac 120
cctgtctcta ctaaaaatac aaaaatttagc cgggcatggt ggcaggcacc tgtaatcca 180
gtactaggg aggcttttga acccaggagg cagaggttgc agcgagctga gatcgcgcca 240
ctgcactcca gcctgggtga tagagtga ttcagtctca aaaaa 285

<210> 35880
<211> 432
<212> DNA
<213> Homo sapiens

<400> 35880
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ccgggttcc tgctctcagg ccttggcctg ctgcacctg gccaaactgca ccaccggca 180
catcatagcc cactcagggt cagagctgtg tctcagccga cgtgggggtc cgaggttctc 240
accaagatcc agactcaacg cttgtgggtt tggtgtctca gtctggcgg tggaggttct 300
cccgaggcct cagcgctctt gttctcgga gtctctttac atgttagtgg aaccctctgt 360
tctgttgaa tcattcttcg tgttaaagt ttctatctct tgactgatac atgatagtca 420
tcattgtatg at 432

<210> 35881
<211> 365
<212> DNA
<213> Homo sapiens

<400> 35881
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tgacttgctg	tactggtggc	ccttggagaa	gcagcagtcg	atagatcggt	gttccacact	180
tgcagacagg	gagagtagag	cccagagatc	tctccaaacc	acactgctta	tttgtggcaa	240
agcattgtgg	cccctaata	gtttttaacc	accagaagaa	ataacatttc	ttaagactgt	300
tttttagaggt	aacagcagcc	ctttctgagg	aattagtttt	gaatttcacc	acaactggaa	360
ttaga						365

<210> 35882
 <211> 59
 <212> DNA
 <213> Homo sapiens

<400> 35882		
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<210> 35883
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 35883		
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gggttaagtat	tataatgata	aaattgtcag
		60
agatgggaga	aatggaatct	catgaaaaac
aaaatctttg	cctgactgaa	ttagctatta
		120
cagagatatt	aggagataaa	ccatcctaag
cctaggtggg	caggggacag	catctgatga
		180
agcagctctt	ctgaagctta	tctgctcaca
catttttggtt	catactgctc	ttgcgtgaga
		240
aaaaaagtgg	tgaggagtgc	agggcccagc
atattctgtg	tttttcagtt	cagacagcca
		300
aattattagga	tctgattttc	ccctgcctaa
agttttatgt	gatttctggt	gtcttgtaca
		360
atgtgtgcat	caagataaac	a
		381

<210> 35884
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 35884		
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ggcgaacagc	tgctggaggt	gccgagaatc
		60
tgagtttcgg	caagcagcca	ggtctggaaa
ctaataatctt	aaaaatgact	acaccaaaca
		120
agacacctcc	tggtgctgac	cccaagcagt
tggaaggagc	tggaacagta	cgggaaattg
		180
gtcacaagct	gtttggtcac	tctcatcttg
caaacaggat	ttggagtggg	tcagttacga
		240
gatgacaatc	tagaaactta	ttggcaatca
gatggttccc	agcctcattt	agtgaacatc
		300
caattcagaa	gaaaaacaac	agtgaagaca
ttatgtatctt	atgcagacta	caaactctgat
		360
gaaagctata	ctccaagcaa	gatctca
		387

<210> 35885
 <211> 215
 <212> DNA
 <213> Homo sapiens

<400> 35885		
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atgtatgtac	acacggtacc	cagagtcgta
ctgtgcagcc	ttcaaaaarca	taccatcaga
		120
aagagtaggt	gctgagataa	ggaaactttg
ccaaatgaaa	gaaagtcact	cacttccaat
		180
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caata		
		215

<210> 35886
<211> 216
<212> DNA
<213> Homo sapiens

<400> 35886
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ggaaggctga ggcaggagga tcacttttagg cctgggtgtgt tcaagaccag cctgggtcaac 120
atagtgagac actgtctcta ccaaaaaaag gaaggaaggg acacatatca aactgaaaca 180
aaattagaaa tgtaattatg ttctaagtgc ctccaa 216

<210> 35887
<211> 398
<212> DNA
<213> Homo sapiens

<400> 35887
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tcagagcctg gcagagcatt cttggctggc ttgggttttt gtgaggattc aatgaatata 180
catcaagccc ttcaagaact atgcgcasaa caatatgaga attcctccag caacatcagg 240
catcgttatt ttgagaccaa tcaatgatcc caataggctc cggctatgga cgtgtgtctg 300
agctccgngc asagcctggg cgccggcggg aaggactcag ctccccgggt ggctgggttag 360
aggctgagaa gaagggggct ccgcagaaaag ayagcacc 398

<210> 35888
<211> 79
<212> DNA
<213> Homo sapiens

<400> 35888
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atgaattttt tttttttt 79

<210> 35889
<211> 334
<212> DNA
<213> Homo sapiens

<400> 35889
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aaaatggcct aattaaatta ttttttttct ctttcttcat ttcatTTTTA ttatctatac 180
ttctagccac ttaattactg tgagtaattt caataacaac aaaatattaa caaaaggatc 240
agtcacttac gaccatgaat caactccatt aactgtacaa tgcaaccaca cctatagart 300
cttcacaaag aagcctgact tctttaccct caaa 334

<210> 35890
<211> 369
<212> DNA
<213> Homo sapiens

<400> 35890
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gctgaractt	caggtaattt	tgaaaagcac	aagagatatt	ctcaaaatat	taagaaaaag	180
gttgtaagat	taaagcttag	gattattatg	gtttttttgt	gtgcttggtt	ttaacagaat	240
gtataaratc	tcattctagc	aactcttata	tggtatccca	gagacatgtc	tgadacaatg	300
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ttccctttt						369

<210> 35891
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 35891	
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<210> 35892
 <211> 284
 <212> DNA
 <213> Homo sapiens

<400> 35892	
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caaagtgtcg	aaattacggg
ggaaaactca	ccagagaagc

<210> 35893
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 35893	
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aggaggcaca	gagtcttgct
a	

<210> 35894
 <211> 144
 <212> DNA
 <213> Homo sapiens

<400> 35894	
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cttttgkat	ttataaagag

<210> 35895
 <211> 336
 <212> DNA

<213> Homo sapiens

<400> 35895

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caagctgaag	cttgagaaa	actctgcatt	cccatgaggg	caaaggcagc	tgccctccct	180
gaccctatag	ccccaggcct	catggggggg	atgtggggaa	gggatggggg	atccccatgg	240
atgctgggat	gaggacagag	gaagacctga	tggggctctc	tattccaggg	aataagccaa	300
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<210> 35896

<211> 111

<212> DNA

<213> Homo sapiens

<400> 35896

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<210> 35897

<211> 379

<212> DNA

<213> Homo sapiens

<400> 35897

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ggcgccgtgg	ggatgcttgt	agtccaagct	actcacaagg	ctgaggcagg	aggatcgctt	120
gagcctggga	gtttgaggct	gcagtgaagt	ccagcctggg	tgaaagagaa	gaccctatct	180
caaaaaataa	aaaattttta	aaacctgtca	agttagatgt	ttaaaggagmc	atgtaaaata	240
aaatctccct	aacatgttta	tgaaatagct	gcaaaaggct	gagcgtgggtg	gctcacgtct	300
gaaatcccag	cactttgtga	agccgaggtg	ggtggatcac	ctgaggtcaa	gagttagaga	360
ccagcctggc	caagatggt					379

<210> 35898

<211> 136

<212> DNA

<213> Homo sapiens

<400> 35898

ctattagtaa	ctgttttata	aatttgggag	ctccagtggt	agggtcataa	atgtttggga	60
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<210> 35899

<211> 401

<212> DNA

<213> Homo sapiens

<400> 35899

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atcctaagta	gctgaagga	caacgttccc	actgaaaagg	tcaacttgac	ccttgagata	120
ttattttctac	ttttccaaca	atatcaactt	ggaatgagtt	ttaagtgaag	ctagtatttt	180
agacacccaa	tacaaagctg	ctgtttcatc	accatgaagt	tgggttaaag	agtttcttcg	240
actcccttcc	ccaaagctgt	ttgctttcac	ttgatgatgc	tttcacttga	tttgaatgta	300

tgccagaaat ggaagtttct atttcataag tacataagca tctgagattg tcaggcatga 360
tgtagccaca agacactgat gtagttaaag cggagaaact a 401

<210> 35900
<211> 201
<212> DNA
<213> Homo sapiens

<400> 35900
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aaatgaacat tttcctttat gtctctccag ataatgttta ttgtctgagg taaattaaat 120
tcccaccagg gtttgctgtc agtatattta caccacatt agtatatgcg tccagggtca 180
taaccccta aaatccatcg c 201

<210> 35901
<211> 75
<212> DNA
<213> Homo sapiens

<400> 35901
aaaattagcc taatatataa tagatatatt atgaagcaaa actttttattt ttgaaaaggc 60
agrataattt tcagt 75

<210> 35902
<211> 335
<212> DNA
<213> Homo sapiens

<400> 35902
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gaatacatga tcctcaactg ctaacagaga gagctttaca tcatggaatt gatttgagaga 120
aaattaaggc ttacattgat tccttccgct ttggagcccc tcctcatgct ggtggaggca 180
ttggattgga acgagttact atgctgtttc tgggattgca taatgttcgt cagacctcca 240
tggtccctcg tgatcccaaa cgactcactc cttaaattca cactttgcca cttaactcca 300
gtgtggatga cagagcgaga cctgcctca aaaaa 335

<210> 35903
<211> 339
<212> DNA
<213> Homo sapiens

<400> 35903
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tcagccctca tctgccaatt ctgctccttt gtaattatca tatatatattt acaatcagtg 120
gtaaggcttt catttccttc ctaagaataa ggtagggcat ttctgaagtg gttaggacaa 180
ttctcttgta gcaatagggg aaaaaaagaa caaaaaatgt aatatagcta catggagaga 240
tgtatgcctc tgagctcttt tcatttttagc agcttgagaa atattgctcc acattattgc 300
tcagacacac attctttcta aacgaagttt actgccatt 339

<210> 35904
<211> 369
<212> DNA
<213> Homo sapiens

<400> 35904
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 ctccacctc tgcctcccaa aagtattgga attacaggcg tgagtcactg tgcctggcta 180
 tattctgggtt attgatcctt tgtcagatgg atactttgta aatattTTTT ctcattattt 240
 gggTtgtctt ttcattttgt tgattgtttc ctttgttgTg cacaaacttt ttttgctgtg 300
 gttgcctgtg cttttggggT attagtcaac aaatcagaaa tccttaccCa gtccaatgtc 360
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<210> 35905
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 35905
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 taaaaatctt tctgagatgg gagaaaatgt attctccttt cctataccgc tctcccaaca 180
 aaaaaacaac tagttagtTc tactaattag aaacttgctg tactttttct tttcttttag 240
 gggTcaagga ccctctttat agctaccatt tgcc 274

<210> 35906
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 35906
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 catgcctatt ttagttggaa tggcattagt ttggtagttt tgagcatgtc ttttaatttt 180
 tacttgcata atcctgattt cgatttcctt tctttcctcg atgtctgccg caccttgttt 240
 cgctcctcc attcatctcg acgccatggT tctgctgctc cataacaatg cattatgaac 300
 ctgcsactcc catatgca 318

<210> 35907
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 35907
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 aaataaaagg atggaaattg acaaaaaggT gaagtcctta gggTTTataa tggatgattt 180
 tgtaaaacag gaatcttaag acattctgcc tatcaaggct gaatgtacat acacttgaga 240
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 ttttaaaact tgtccaagcg tagag 325

<210> 35908
 <211> 357
 <212> DNA
 <213> Homo sapiens

<400> 35908
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taatgaaaac	agctgcatct	tgaatttaat	aagattacta	taacttctaa	ttctgtggct	180
ttaggcggtc	tadtccacag	gcagtaagg	ttgttttttg	aatggactgt	katcatcttt	240
gtttcaaaag	taaaatatat	aataagtttc	ttccaaagtt	agtttggcct	atgatcatga	300
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<212> DNA
<213> Homo sapiens
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aatcaatcat ggtgctataa tataatcagt tctgtgtgat tcgtttgttg ttctactgga    120
atgcattgta ttcccttctt atttttaagc ccccgctac                                     159
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<210> 35910
<211> 266
<212> DNA
<213> Homo sapiens
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gcaagcataa tatctggmaa atttgctgcc tgccttctac ttctcaaatc tytcttgtaa    120
aagtttccaa ttttctcact gamacctgag ttaaaaatct tgatgatcag cctgtttcat    180
aagacactcc aatcaagtta atcttagcag acatgtgttt ctggagcatc acagaaggta    240
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<211> 209
<212> DNA
<213> Homo sapiens
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gtttttgaag	tatctactat	tctggaatat	tgtkkaacaa	ctkttwgctt	ktgaaaaaaa		180
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<211> 63
<212> DNA
<213> Homo sapiens
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[illegible]

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<210> 35913
<211> 73
<212> DNA
<213> Homo sapiens
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<400> 35913

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<210> 35914
<211> 336
<212> DNA
<213> Homo sapiens

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accagaaaac caccacctct cagcccaaag ctacacactt cagcctccaa catgaaggtc 180
tcgcagcac ttctgtggct gctgckcata gcagctgect tcagcccca ggggctcgct 240
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cagcgactag agagctacag gagaatcacc agtggc 336

<210> 35915
<211> 54
<212> DNA
<213> Homo sapiens

<400> 35915
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<210> 35916
<211> 66
<212> DNA
<213> Homo sapiens

<400> 35916
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atagga 66

<210> 35917
<211> 66
<212> DNA
<213> Homo sapiens

<400> 35917
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agccga 66

<210> 35918
<211> 404
<212> DNA
<213> Homo sapiens

<400> 35918
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gaacaagctc agccgccgtc agacccaagc caaatatgga ttctagggct ctggaactga 120
ttgtctccag gatctcctgc cagcccagct ggccctggccc ccagcttcrb ctctgggacc 180
ccagctgctc taagcccagg atctctttcc ccaaggaccc agccctcgcc tctgcgagaa 240
tgaacatatt tgatagattt ttcttaacaa gttagaaaat tcagctcctt tctgtcctgg 300
agctagcaaa gacttgtgtg atgcctccga aggggctctg agttctgggg tgggagtttt 360

gctctctgdn aggtgtgaat aaaatgttga acccttccca ccac 404

<210> 35919
<211> 145
<212> DNA
<213> Homo sapiens

<400> 35919
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ggaaccgagg aggcggaggt tgcagtgagc caagattgag cactgcact ccagcgtggc 120
gacagacaga agactccgct tctca 145

<210> 35920
<211> 242
<212> DNA
<213> Homo sapiens

<400> 35920
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aaatgacctg aaataaaaacc ctgggtgacc tggttggatc aaggcatacg caagctcccc 120
cgggcctgct ccacactcgg ggtgatcacc tggcccgagg gcggcccgagg caaggaggaa 180
cgtctcgaga aggcagccgg ctcgccggag tcggttcag cgtgttcgag ttacagctgc 240
ga 242

<210> 35921
<211> 91
<212> DNA
<213> Homo sapiens

<400> 35921
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gcggccaagg actgggctct gaaaccccc t 91

<210> 35922
<211> 311
<212> DNA
<213> Homo sapiens

<400> 35922
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tgttacaggg ttgcaactgt cgggtcatga tgccagaagc ttacactctc attttccttt 180
gcagacacac aaactcgggc cacttctaag agtctcttac ctgttaggtc caaagaagtc 240
gatgtttcca aacagcttca ttcaggaggt ccagagaatg atgttacaaa aatcaccaaa 300
ctganncgag a 311

<210> 35923
<211> 308
<212> DNA
<213> Homo sapiens

<400> 35923
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aagtatcctc catagaaaca tcaacatgat tgtggatcaa aatgattttc actggatatg 120

atttattgaa	tagggagtcc	tttccccagt	gcttggtgtt	ttcaactttt	tcaaagatta	180
gttggtgga	ggtgtgcacc	tttgtttctg	ggttttctga	cttgttctat	tgggtctatgc	240
atcagttttt	gtaccagtac	catgctgttt	tgggtattgt	agccttgtag	tatagtttga	300
aatcaggtat	nbtgatgcct	ctggc				325

<210> 35929
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 35929						
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tctaaagtta	tagagtttta	tacttcacat	ttaatttccc	tagaattgat	tttttttttc	180
atctgaataa	ccaattgggc	cagcatcatt	gaatggtttg	ttctttcccc	actgtgttag	240
gccattcttg	cattgctatg	aagaaatacc	caagactggg	taatttttaa	attggctcct	300
gattctgcag	gctantactg	gaagcatgaw	gctggcatct	gcttagcttc	tggggaggc	359

<210> 35930
 <211> 61
 <212> DNA
 <213> Homo sapiens

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g						61

<210> 35931
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 35931						
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actcagagga	atgctaagcc	tcttgaggtg	acggctctgga	gctcaccttg	tgattnkvng	120
tgttagtgcc	tctgggactt	gatattggtc	tctgccagag	agactgagtt	gccttctatc	180
catctgttct	tgtttccgct	taaatgaact	tttcaaaatg	taagccttac	catgtcatgc	240
tcctgtgtgc	ggcrsggtca	ctctgtgtag	aatgtcatcg	ctgctttatt	cccctktagc	300
agttaccccc	attcattctg	ta				322

<210> 35932
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 35932						
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gtgggagctg	tggaacctgc	cctgtgactc	ttaggaagat	gccgwaccct	tggswyccga	120
ggrmcgtgga	cgggkn					136

<210> 35933
 <211> 177
 <212> DNA
 <213> Homo sapiens

<400> 35938
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 ttgtcttcct ctaaccacgc ttccacctct ggaccgcatt gatctggagc acattgatcc 120
 cgsvcggcct ttgtgggtctt ggtagagga gtgawttttc tgttttcctc tgwctttttc 180
 atcaaatcgt tccgwgccm tgccttgcaa gctgaagcgt gtgagacggt agtcgcagtt 240
 gtattttgct ttttgatggc gttgctcatg gggaggtgat a 281

<210> 35939
 <211> 101
 <212> DNA
 <213> Homo sapiens

<400> 35939
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 gggtgacaaa gggagactca gtctcaaaaa aaaaaaaaaa a 101

<210> 35940
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 35940
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 ccaagactaa caaccggaga aaactgtatc actcagaatc tgagtgggtg cagagactat 120
 aactgccttg ttcgctgcta tatctgcaac gctaaaagta tactgtctgc cacatacaac 180
 tggagagcct gtatcactca gaatctgaga ggcagctcct gacttgaaaa tgatcattgt 240
 gtgtaatgta gatcgagtct tgctctgtca cccaggctgg agtgagtggtg tgtgatgngc 300
 agcctcaaaa tcccggabna t 321

<210> 35941
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 35941
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 atatatatat tcaagtgggc cgggcgtgat ggctcacacc tgtaawtcca gsmactttgg 120
 gaggtcgmgg taggmagatc accgagccca agagttcaag acaatcctgg ccaacggcga 180
 aactctgtct ctacaaaaaa tatacaggsg tgttagcatg tgctgtaat cccagcttct 240
 tgggaagctg aggcacaaga attgcctgaa cccaggaggt ggaggttgca gtgagctngg 300
 mtccgcgcca tttgactcc agcc 324

<210> 35942
 <211> 416
 <212> DNA
 <213> Homo sapiens

<400> 35942
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 ggtgcttcat gagtgatgct atgtgtgtga aggaacagag gcaaatcgca attccctgtt 120
 gatctgggtgc tttgcacgac tcagggcgtg tgcaccttgc agccacccc tctccttgcc 180
 ctgggcatat catgtacaga aaaacagacc ttgactggct gcccaagagc ctctgttttt 240
 ttcttcccag tggcctgctg cctgcttaag agacagatac cccaactccg aaggcaagcc 300

cctcacctgc cattgccaac acctatgccc tctgagtgc ggtgaagagt tgttcagttt 360
 tgctactcag ctggcathra agcttgaagc ctctgtgccc tctgaggcta ttgcct 416

<210> 35943
 <211> 239
 <212> DNA
 <213> Homo sapiens

<400> 35943
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 gaactccgta actcatacca cttctttgtc tttctcagca atcatgttcc acggaagagc 180
 cccaagtatt tggctttgtt taaaaattct gtgaggtaag aaaaaactta ttggcaagc 239

<210> 35944
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 35944
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 aaatagacat gaaccacaag gagaattttt taaaagccaa atgataaaca ccactttctt 120
 tccgatgctg gggctggagc gctcattccc tttcccagga agctcagcct tatccccatg 180
 aagagctggg, ggggta 197

<210> 35945
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 35945
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 aaaacagaaa aagaattgtg tgccactatg tctgaatata tcttctacyt gtwrgawaat 120
 taacatccaa gttgcccttt tgccttttta tttccgtttt tggacacctc tttttatcat 180
 ccagccaact ggaaact 197

<210> 35946
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 35946
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 aggaaacggc ccgatcccg gcagcggcct gaccggctc cagcctggg cccaggmnga 120
 tgaaaggccc cmagctggg gctccttgcc accagtgtg tgtcttaaga gctgccatcc 180
 cggctggccg cccgatggc gacccagcc tcggccccag acacacgggc tctggtggca 240
 gactttgtag gttataagct gaggcagaag ggttatgtct gt 282

<210> 35947
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 35947

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gatattggta agattatcat ttttaattta tgtgtyttaa atttcctttt taaaaagatt 120
tcccctagaa acacgtaagg gagagta 147

<210> 35948
<211> 181
<212> DNA
<213> Homo sapiens

<400> 35948
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gattaattgt tacctaggat ggaaagggtg gaagggaatgg ggaatgattg ctaatggtaw 120
gagggtttgt gggggatgat gaaagtgttc taaagttgat tctggtaata attgcacaac 180
c 181

<210> 35949
<211> 68
<212> DNA
<213> Homo sapiens

<400> 35949
cattgtgaaa tgagtaccaa aatcaacctg acatatccat cacctcacct agttaccatt 60
tttttttt 68

<210> 35950
<211> 237
<212> DNA
<213> Homo sapiens

<400> 35950
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atccagatga gttccactt gctcacctct tggagccttt ccgacagtat tatctccaag 120
ccgagcactc cctgccagcg ctcatccaga tcaggcatga ttgggatcag tacctggtgc 180
catccgatca tcccaaaggc aacttcgttc cccaaggatg ggtccttccc ccgctct 237

<210> 35951
<211> 161
<212> DNA
<213> Homo sapiens

<400> 35951
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yttttatttc attttcttgc cttattgctc tggckaggcg a 161

<210> 35952
<211> 181
<212> DNA
<213> Homo sapiens

<400> 35952
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gacccccccc caatatcaat tgcattgaat gaaatatgat atatttaccg tttgtgattt 120
tccatactca acacctgtgc caactctcct ccaagtagta ttccacttt tatgaccccc 180

t 181

<210> 35953
<211> 461
<212> DNA
<213> Homo sapiens

<400> 35953
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tcatgcaact tagagtaaca tatacagaca aatgattgca tgaggccatg tttatatgtg 120
tgactaataa ggcttgatcat gatttammatt aatccaggta tgcatttct gaagagaata 180
gtcrtcaaatt ttatatctcg aagattttta ttaaggaatt gcttattgtt gagcttagca 240
aattaataac actatttctg tcactaatta ttttgaggcc tkttagtact aaaattttta 300
cctgtgttct aagtagaaac tgatttaacc caagtaatgc agctttgatt gatttcagsa 360
ttcgttgctt tgctattttt acaaaaacag cattgattgr dgcaagtctt ggttttacta 420
aggtagggta gcatttgcta ttggtaaaaag agaataaata c 461

<210> 35954
<211> 302
<212> DNA
<213> Homo sapiens

<400> 35954
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ggctcactgt agccttgacc tcccaggctc aagcaatctt cctacctcag cctctcaggc 180
agctgggact acagaccac agcactacgc ctgacttatg attttatttt ttgtggagac 240
agggtcttac tatgttgtct gggcttgctt taaactcttg ggccttagcc taccaactag 300
ct 302

<210> 35955
<211> 194
<212> DNA
<213> Homo sapiens

<400> 35955
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agagagtgcc agttgatgag tttccactcc tttctgtaaa tagcattaac tgttctagaa 120
acttcgaaat gttaaacyk gatartgcag gacagttaat tataacttaa aatatttata 180
gacacaggaa gccg 194

<210> 35956
<211> 340
<212> DNA
<213> Homo sapiens

<400> 35956
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agtgggtgcr tcttggtcga ctgcaacctc cgcttcccgg gttcgggtga ttctcctgcc 120
tcagcctcct gagtagctgg gattacgggt gccaccacc acgctggct agtttttcta 180
tttttggttag agacggggtt tcaccgtgtc ggccaggctg gtcttgaact cctgacctca 240
gggtgtcsac ccaccttggc ctcccagagt gctgggatta caggcctaag ccaccgcgca 300
ggcctatact taacttttca aagttcataa actactgcc 340

<210> 35957
<211> 350
<212> DNA
<213> Homo sapiens

<400> 35957
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atatgtgtac tggtttttagt ataaaaagtat ttaagttgct ttactgttga atacaattga 180
cgttctacga aaatgtgttt attgtgggcc ctcatattgta ccagccctct gtaaatatgc 240
atatcagtc catacccca ctggagaagc cggggatagg gtaggcacat aacctgctgg 300
tgctgagaac caccctcca tgctttcctg ctggctctgc caaaccaccc 350

<210> 35958
<211> 246
<212> DNA
<213> Homo sapiens

<400> 35958
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tggtgggtgt gtaggttttg tgcatttctt tagaatattt ggctttcttt aggcagataa 120
tttaacaac atgtgamtcc agrtgatccc ttwaaggctt gtttttaagb attgcttagg 180
ctagtctggg gcatccttca tgccagtgat aatttggttt tactaataat ttacctaccc 240
caactc 246

<210> 35959
<211> 340
<212> DNA
<213> Homo sapiens

<400> 35959
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taagaacaga cctaaatatc cttagtcct tcgttaccaa catattcaaa ctatattcag 120
ctgatggcca attaagaaat tctttgatag attctgattt gttttacttt tagcaaacag 180
atattttaca aagattttta aagctttta tttctttttt attgtctcat gtaagagtca 240
tgtaagcccc ttaactcaca attaaatttt tgtaagggat gttggttgag ttttttctct 300
ccttttaaaa atgtttcatg tatttttcta agtctacaac 340

<210> 35960
<211> 151
<212> DNA
<213> Homo sapiens

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acaataccca atwaaaaatt aaactgccca t 151

<210> 35961
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<400> 35961

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agagaatttc	tgaatgaaga	aaacaaaggt	cttgatgttc	tagtggaata	tctctaattt	180
gcacagtacg	cggtaacttt	tgactttgaa	agtgtggaga	gtactgtgga	gagctcgggtg	240
gacaaatcaa	agccctggag	taggtccatc	gaggacctgc	acagagggag	caacctgccc	300
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	tca
	60
	113

<210> 35963
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 <212> DNA
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<400> 35963	
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 <211> 185
 <212> DNA
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<400> 35964	
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 <212> DNA
 <213> Homo sapiens

<400> 35965	
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aatcattctt	ttgttaccag
cagtctggaa	atgattgacc
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	120
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	300
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<210> 35966
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 <212> DNA

<213> Homo sapiens

<400> 35966

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ggcaagagac	taagcccgat	gccaccctca	ctctgttaag	aagaagaact	gggtgtttaaa	180
cbmaagacat	ctatttttaga	ttccccactc	ttcaccacta	tcttgagcaa	aggdccaatg	240
gatctaaatt	atgtgggtag	cacagtcact	ggctgctcat	aacataacag	caatgaagat	300
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<210> 35967

<211> 106

<212> DNA

<213> Homo sapiens

<400> 35967

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<210> 35968

<211> 173

<212> DNA

<213> Homo sapiens

<400> 35968

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aaagactgac	agcaacacag	rraaaaagar	acmggcagav	agagagacrm	agacagaavt	120
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<210> 35969

<211> 87

<212> DNA

<213> Homo sapiens

<400> 35969

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<210> 35970

<211> 180

<212> DNA

<213> Homo sapiens

<400> 35970

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<210> 35971

<211> 152

<212> DNA

<213> Homo sapiens

<400> 35971

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accagcgcmc	cctctcagca	aactccacga	ct			152

<210> 35972
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 <212> DNA
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tkaagttcta	taactaataa	tttttgttct	aagtgtggat	gccaadaaat	ggacatttca	180
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 <212> DNA
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cattataayc	aagtaaacad	atatgagaac	taataggtaa	ccacctaaaa	cataagaatt	180
taaaaagtag	aaactttttg	taaggaaaat	cacattcaca	gtagcaagah	taacacaaca	240
tatttgagat	tttattttwaa	aagaaatgtt	caggccaggc	atgttggtc	atgcccgtag	300
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<210> 35974
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 35974						
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ccactcacca	ttcatagagg	aactaagttt	taccttctag	ggaattccct	gtaattccca	180
gggaagcctt	gtccttgcgg	ttcccaggca	ggatggtagg	aggagctaag	tgggagggaa	240
ttaatatattc	ttgagtgtcg	gctggtaagt	tggttgcttt	acctccactt	tnnnagagac	300
agggtctctc	cgtgtcacc	aagatggagt	gcagtgggtg	gatcatagct	tactgcaacc	360
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<210> 35975
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 35975						
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tcttgccacc	cctccttata	ggatatttgg	gatataccag	tggcctttcc	ttgttgtgta	180
tggtgdtctt	tctgattgtg	gtgggtatga	tttttttttt	agaaaaaatt	ttttataagc	240

cctgccatgt cacttagttt aacacatgca aaataatata ttttaggtc atttgcaaga 300
aatttcaagg ttccgtgtcc tgtgga 326

<210> 35976
<211> 359
<212> DNA
<213> Homo sapiens

<400> 35976
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attcatcccc accgcggagt cagggacaag gagcagttga gtggccgagg agtgagagag 180
aatcgaatcc actcgggtcc tccaagctgt tggttaccca cttgggcttt cacagcaaag 240
ctgccaaatc ccagaattga ggccctsgtga aaagcgcgct gagacttggg taggaggccc 300
gntgggaccc gcgaagcttt ctctcccagc scgatgcagc amgttcatta agcggctgt 359

<210> 35977
<211> 222
<212> DNA
<213> Homo sapiens

<400> 35977
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gctcagattc catggttaggg cacaatgaag aggcattctg ccacaacggg gagaccaaga 120
ccccaggcc cagcagcgcc cggggcagta gtggaagcag aggtggtgga ggcagcagca 180
gcagcagcag cgagctttct accccagaga aacccccaca ct 222

<210> 35978
<211> 385
<212> DNA
<213> Homo sapiens

<400> 35978
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caggttccat agtctgaaat cctcagcctt ccctctgaca ctactctttc cccttatttg 120
caatctaaaa aaaattgatt ttctgtctct cagatccatc catttcaactt tcatctccat 180
ttccaccacc atagccnaag ttaccattta taattttctg gacgaatgtt gaataatttc 240
cattttgaca ttgccgtatg gttaatccct tgaatcctct tcccaccatg gctagagttc 300
tttacaact gcaagatctg acttctatcc caattctgac cctttatcct ccactgttaa 360
atccaatcat ggcttcctgt tgctc 385

<210> 35979
<211> 308
<212> DNA
<213> Homo sapiens

<400> 35979
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ggagaaaaatg tatacactct tacaatttaa attacgtact ctcttgaatg ccagtgaaga 180
aagttttcac agctttttta ctgggcataat tggagttggc aacatagtaa cagctttcta 240
attgttcatg tcggtaatta aattattggc tttattttga agctggcagc ataaatctgg 300
gacctggm 308

<210> 35980
<211> 228
<212> DNA
<213> Homo sapiens

<400> 35980
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aaaattattt tctggctggg catggtacct cactcataat cccaacactt ttaggaggc 180
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<210> 35981
<211> 97
<212> DNA
<213> Homo sapiens

<400> 35981
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rggykggagg gtcgcttgaa cccgggaggc agaggtt 97

<210> 35982
<211> 86
<212> DNA
<213> Homo sapiens

<400> 35982
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tcaataacag tkaaaacag cccrrs 86

<210> 35983
<211> 341
<212> DNA
<213> Homo sapiens

<400> 35983
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gggaggatat gatcttccag gatccaactc caatattgat cttcatgcac tgactggctg 240
gataccagaa agaattgcta tgcattcaga tagccardrc ttkcagtaag gataattctt 300
tcagaatgct ttatcaaaga tttcacaaag gagatgtcct c 341

<210> 35984
<211> 358
<212> DNA
<213> Homo sapiens

<400> 35984
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<210> 35985
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 35985
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<210> 35986
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 35986
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 aaaaaaagaw aaagaaagna agamhaagga ttccaaagat aaytcagagg cacacacttc 180

<210> 35987
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 35987
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 gttcagtggt atcatgtaca ttcatattat atgcaactat taccaccatc catctccaga 240
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<210> 35988
 <211> 266
 <212> DNA
 <213> Homo sapiens

<400> 35988
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 gatctagatg ccagtaaaat cagamctggc cgaagcatcc gaaggactca gtctgcctcc 180
 agcttgact cgagcagagc gacgagaggt ggaacgtgtt gtggtggatg cactgagtgg 240
 cctgaagggt gacctggctg gacgtc 266

<210> 35989
 <211> 420
 <212> DNA
 <213> Homo sapiens

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gagatctttg	gagtagttag	cagggttttct	acttctgtta	ggtggctccc	tgagcaggca	180
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gttacagaca	tttggctatt	aaatgcctca	gactatgttt	ggacaaatta	aatacagaga	300
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<210> 35991
 <211> 368
 <212> DNA
 <213> Homo sapiens

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gagtgccaga tgtcaaagtt taatcattgt cactcatttt gagcactcta gatatgamga	300
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aaatttatcc aagacttttc aggatagcac acacagatcc ttctcatttt ttccagggtat	180
ccagtatttc agtgtgtgaa tgtaccataa tttctcttaa aaccaatccc ccggcgg	237

<210> 35993
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acaatttaga aaaggsnttt cacacacagg cctgtttcat cttcacaaca atcttatagw	180
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<210> 35994
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ttttaaaaag	gaaaaatacta	caaatTTTTc	actttataaa	tgtgtgccgt	tttgatcact	180
tgaaaatgta	tgaagaattg	caattggagg	aaaaaagggt	gtgctaataa	aaaatgtctc	240
aagaccaatg	ttaaagttgga	gctata				266

<213> Homo sapiens

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<213> Homo sapiens

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gtatcacaac	ggatccaact	gtactggcaa	cgaccctaaa	catgttaccr	ggctttatcc	300
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<213> Homo sapiens

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ggaaagtctg	cagcttcatt	cttgaagcca	gcaagactgc	gagcccccg	gggaggaatg	180
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<213> Homo sapiens

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<211> 199
<212> DNA
<213> Homo sapiens

<400> 35999
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caggcaagct gcacacatca agcgaaacgc ctgaggggag gncagcgaga gggtttctgg 180
ccatcgaccc tcacctccc 199

<210> 36000
<211> 210
<212> DNA
<213> Homo sapiens

<400> 36000
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aaagaagtag ctaaggaact ttacatccta acagtataat ccagctcagt atttttgttt 120
wgtttttgt gtgtttgtgt tgttttacct agaaataaga taactccatc tcgccccctc 180
cctttcatct gaaagaagat accccccctc 210

<210> 36001
<211> 172
<212> DNA
<213> Homo sapiens

<400> 36001
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agagaggaga agaaaaggat acagaggatc agctactcaa caccacttt tgatgggctg 120
aagaaggaga gtgaacagvt waaaggagga ctccarggtt aagaggcacc ca 172

<210> 36002
<211> 341
<212> DNA
<213> Homo sapiens

<400> 36002
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gataactgac tcttaattgg wtggtagsmm cwatattaga tattgctgag tacacatttt 180
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agagccactg tggttgaaat ggggagaggg gttcagggcc t 341

<210> 36003
<211> 116
<212> DNA
<213> Homo sapiens

<400> 36003
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<210> 36004

<211> 401
<212> DNA
<213> Homo sapiens

<400> 36004
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taaataatttg ttgaattaat atgttgatta attaaaagat aatacaaggc agcttatacc 240
caacagttga gaaaaggtta aactaaaata taaaggggct taaatgccaa gctgaagttt 300
ttcgagttca ccctataagc caatgggtcc aaataagtaa accacaatct atttataaat 360
gtctacacca gtagcctccg ctaccaccat cccccccaca a 401

<210> 36005
<211> 128
<212> DNA
<213> Homo sapiens

<400> 36005
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gagaatgcgt ggacacagag aggggagcaa cacacactgg ggccttttag gggatgggtg 120
aggggcac 128

<210> 36006
<211> 189
<212> DNA
<213> Homo sapiens

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<212> DNA
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<400> 36007
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<211> 128
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<211> 140
<212> DNA
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<400> 36009
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atc 123

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<211> 265
<212> DNA
<213> Homo sapiens

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ccttcagcag ctcttcctga cttcatgatt ctgccctct tctcattgca ggacacaccg 180
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tccacaggga ttccatttcc ggccg 265

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<212> DNA
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aactttctcg ggaaagtgc agctaagcca agagaagaaa tgagtaacag ctggttggtga 240
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<210> 36013
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tggctggcaa agaggcaatt gcctgaaaaa gaaattggca ttcaaaaagg gtcagggtaca 240

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<212> DNA
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<212> DNA
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<400> 36015
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tctatttttt tttt 194

<210> 36016
<211> 213
<212> DNA
<213> Homo sapiens

<400> 36016
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<211> 74
<212> DNA
<213> Homo sapiens

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ggaaaaaaaa aaaa 74

<210> 36018
<211> 92
<212> DNA
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<210> 36019
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 <212> DNA
 <213> Homo sapiens

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<210> 36020
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<400> 36020
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 <212> DNA
 <213> Homo sapiens

<400> 36021
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 tgggcgcagt ggctcacgcc tgtaattcca gcacctkkg gaggccgaag tgggcagatt 180
 acttgaggcc aggagttgga gaccagcctg gcta 214

<210> 36022
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 36022
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<210> 36023
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 <212> DNA
 <213> Homo sapiens

<400> 36023
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 <211> 143
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<400> 36024
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 ggtcttcac acattattgtag accctatgcc tctagtgcct agttgagaac acagccctag 180
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<210> 36026
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 36026
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<400> 36027
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 grggggtatg gccacgc 197

<210> 36028
 <211> 314
 <212> DNA
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 aatatgaaga tgctagaaaa gttgaagaag acacatatat ggtagggtcca agaccattac 180
 acttactgag tccattacta aaaatgatgt tcacttaaca tcaaaacact caggattacc 240
 caagcacrat atactgattt gcacctctgc ctttgttcat gcccttgggt caggagaact 300
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<210> 36029

<211> 343

<212> DNA

<213> Homo sapiens

<400> 36029

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tttcagtraa	gacaggggtt	caccatgttg	gccaggatgg	tcttgatctc	ttgacctcgt	180
gatctgccc	cctcggcctc	ccaaagttct	gggattacag	acgtgagcca	ccatgcccgg	240
catatatgaa	gttttaaaaa	atcagaatac	agaacaaaat	ttanygggag	atgagcttct	300
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<212> DNA

<213> Homo sapiens

<400> 36030

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agcaatggca	accaaagaca	aaattgacaa	atgggatcta	attaaactaa	agagcttctg	180
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<210> 36031

<211> 318

<212> DNA

<213> Homo sapiens

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aatgttacat	ttttattttc	aaggaattat	tatctatgtt	ccctttgtaa	aggaaagata	240
atgttgtaaa	tctttttatt	agataatgta	aagatgtata	tcagtatttt	tggatcatgt	300
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<210> 36032

<211> 301

<212> DNA

<213> Homo sapiens

<400> 36032

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caaagtgcctg	gaaattacag	gnatgagcca	ccacgcccgg	ctcaaaggaa	atgcccaatg	240
aaacatttta	gattttggat	ttttggattw	aggatgctca	actggtcatg	gcaaaacccc	300
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<210> 36033

<211> 298

<212> DNA

REPORT

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gatggatttg	agagatgtcc	agaagctgga	attcacagag	tatggcagtg	ggcctggcat	240
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<213> Homo sapiens

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<213> Homo sapiens

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cttgttgtag cttttttttt ttt 83

<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<211> 112
<212> DNA
<213> Homo sapiens

<400> 36039
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<210> 36040
<211> 249
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acagcttcca agcactgaga ttcttgccag gcctcgggaa cccacaaaca ccattcagat 240
ctcagtcctc 249

<210> 36041
<211> 93
<212> DNA
<213> Homo sapiens

<400> 36041
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gatctcactt ttctgtgctt ggtaaccctt gaa 93

<210> 36042
<211> 128
<212> DNA
<213> Homo sapiens

<400> 36042
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ctgcccc 128

<210> 36043
<211> 93
<212> DNA
<213> Homo sapiens

<400> 36043 .
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ggtgtacttt tgtatttatg tgtgtgtgtg gtt 93

<210> 36044
<211> 89
<212> DNA

<213> Homo sapiens

<400> 36044

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<210> 36045

<211> 107

<212> DNA

<213> Homo sapiens

<400> 36045

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<210> 36046

<211> 119

<212> DNA

<213> Homo sapiens

<400> 36046

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<210> 36047

<211> 121

<212> DNA

<213> Homo sapiens

<400> 36047

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ccctgaggaa tcgccacact gacttccaca atgggtgaac tagtttacag tcccaccaac 120
a 121

<210> 36048

<211> 109

<212> DNA

<213> Homo sapiens

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<210> 36049

<211> 194

<212> DNA

<213> Homo sapiens

<400> 36049

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caccaggga tgsactgcav tgggtgcartc ttggcttact gnracctccg cctcctgggt 180
tcaggcggtt cttc 194

<210> 36050
<211> 125
<212> DNA
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<400> 36050
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tcacc 125

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<211> 224
<212> DNA
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aatcctgtcc ccraattaaa awgkccttra aagcccccta raaaggtgtt ctagtgttct 180
aatacgcatt aacctaggaa gtattgggtgc tttgttctgg tagt 224

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<211> 241
<212> DNA
<213> Homo sapiens

<400> 36052
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tgaggtgatg skgaggtttg mngtaccgaa tgatcccatc acccgaggta ctgagcatag 180
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c 241

<210> 36053
<211> 113
<212> DNA
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<400> 36053
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<210> 36054
<211> 122
<212> DNA
<213> Homo sapiens

<400> 36054
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<211> 160

<212> DNA

<213> Homo sapiens

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<211> 87

<212> DNA

<213> Homo sapiens

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<211> 108

<212> DNA

<213> Homo sapiens

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<210> 36058

<211> 104

<212> DNA

<213> Homo sapiens

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<210> 36059

<211> 124

<212> DNA

<213> Homo sapiens

<400> 36059

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aaaaggtaaa aatattatgc taatttatca tattataatg ccaatttggt atatcctgcc	120
tatt	124

<210> 36060

<211> 67

<212> DNA

<213> Homo sapiens

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 <212> DNA
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<210> 36062
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 <212> DNA
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<400> 36062
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 cagagcgggt gatgctcggg acaacacaca 90

<210> 36063
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 <212> DNA
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<400> 36063
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<210> 36064
 <211> 132
 <212> DNA
 <213> Homo sapiens

<400> 36064
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 ctggagagtt wr 132

<210> 36065
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 36065
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 atcctarcag ctttttctws wtdgtttcac tgacaagtat attgttaaaa cttctcatga 180
 tgatgtgagt agatttcaaa tccagttgaa cgctttcata ttaacaattt caaaataatg 240
 atgaagctct tatttgcaga rcatgcatca ttattaga 278

<210> 36066
 <211> 107
 <212> DNA
 <213> Homo sapiens

<400> 36066

catttcaacc ttacagagaa attagaaacc atcagatggg atatccttca ttctgatacc 60
aaacatamat ctgacatgtv aacacccctt ccttcagctt cacctat 107

<210> 36067
<211> 195
<212> DNA
<213> Homo sapiens

<400> 36067
aaaacggtcc ggggctgagc tgcagtcaga tccggggatg gagggagccg gagaagagga 60
gtgagaaggc cggggaggca ggccctgctg tcttctctgca ggccggcagc ctgctggcag 120
tggaggacca ggccgtccag gaaaggaagg gygcaggagg tcgggcaggg cctcagcagg 180
ttcagacaag tcccc 195

<210> 36068
<211> 72
<212> DNA
<213> Homo sapiens

<400> 36068
ttttgttttt ttgabacgga gttttgctct tgctgccag tctgaagtgc agtgggtgcac 60
tctcatttca ct 72

<210> 36069
<211> 84
<212> DNA
<213> Homo sapiens

<400> 36069
agacgcggas tggkyaaaag ggaggcagag gaggcggagg cagaggcaga ggcagagccc 60
ggtgccgaga ccaagcgaca gacc 84

<210> 36070
<211> 163
<212> DNA
<213> Homo sapiens

<400> 36070
tacttctcag cctgtatcaa ttgtaccag ggttcatgat tactgtgacc cactaagga 60
cgatctttga ggaaacagac ctggaggag gtaatttaag gagggaaagt gagtgggttt 120
tacagactgc tttgtggcga cattcmrggr acaagaccaa agt 163

<210> 36071
<211> 108
<212> DNA
<213> Homo sapiens

<400> 36071
aggaaaactt tctggtagca gtgctgttac tgtctgttgt ggggttactt agatttgtct 60
ctgctcttca aggtgctcca gatttattgt cattatctac ggggaact 108

<210> 36072
<211> 384
<212> DNA

<213> Homo sapiens

<400> 36072

ttcaaactga	attaaaccca	ttgtgaggtt	gacactggga	ggggctagaa	gattggtggg	60
cagcagacta	aagagttatg	ttggatagtt	ttatttctgt	ggctgaaaat	aaaatcttgt	120
ctagcacagt	taaagtcatt	aaaaataaaa	aatgmcagct	ttaggsacaat	tttaagaaaa	180
tgccccctctc	tattaccaca	ttttctctta	ttaacagtat	ctcagaataa	ttttctttcc	240
ttagaaacct	gagagaatgc	tagtcataac	tgtactagtt	actatgaaaa	tggaaataat	300
tatctkrcaa	tattttcaaa	gtagagcgtg	msatgtat	ttagtgggag	agctctgata	360
gttgttggga	atatataatt	tact				384

<210> 36073

<211> 320

<212> DNA

<213> Homo sapiens

<400> 36073

taagttctgt	aaaaacaagt	gctattgaaa	ttgagaataa	aaagagtgt	agtctaatta	60
agggaaatct	gactatctta	gaatgcttcc	aacggtaggt	ggttatgagc	tgggccttaa	120
agaatggccc	caaataagga	aggtartttt	ttgaggaagg	gtttttctgg	caagaagtca	180
gccagtgga	ggaaggtgga	aaggaaagtt	tcaggtgtat	tccattacct	gggagcagac	240
atgaatgaat	ggaatgtaag	agggtagaat	gggagatcgg	atggmnngag	ttcagttgga	300
gagcatgtca	tggaagagct					320

<210> 36074

<211> 340

<212> DNA

<213> Homo sapiens

<400> 36074

ttttttctgt	ttaaatcttc	agttcagatc	tgattttggt	tatttcttgt	cttttcctag	60
cttaggggtt	ggtttgctct	tgctttctct	cattctttta	ttcatgatgt	taggttggtta	120
aattgagatc	tttgtaactt	ttggatgtga	rmytttwagt	gctadaaatt	tctctttaac	180
actgccttag	ctgtgttgca	gagattctgg	tatgttgtat	ctttgttctc	attttttgca	240
atgaacttga	tttctgcttt	aatttcatta	tttactcaaa	agtcatttag	actcaggtgg	300
cataatttcc	atgtatttgt	atcacttcaa	gtgttttttt			340

<210> 36075

<211> 158

<212> DNA

<213> Homo sapiens

<400> 36075

cacaaaagaa	tggaatcat	aacaacctgt	ctctcagacc	acagtgcaat	caaattagaa	60
ctcaggatta	agaaactcac	tcaaaaccac	acaactacak	ggaaactgaa	caacctgctc	120
ctgaatgact	ggtaaaaaat	grmaatgaaa	ggcagrmc			158

<210> 36076

<211> 301

<212> DNA

<213> Homo sapiens

<400> 36076

gaaatatata	taacaaaaaa	atgctacaaa	atcatatggg	ccgggcaagg	tggctcacgc	60
------------	------------	------------	------------	------------	------------	----

ctgtaatccc	ggcacttttg	gaggtggagg	cggatggatc	gcttgggggc	gggagttcgg	120
gaccaagcct	ggccaatatg	gtgaaatctc	awcycwacwa	agggtagaca	aattggctgg	180
gcatgggtgg	gtgtgcctgt	agtcccagct	actcagggat	gaggcacaag	aatcacttga	240
aactgggggtg	caggttgacg	tgagttacct	cgccactgca	ctccagcctg	ggcaacggag	300
t						301

<210> 36077
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 36077						
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ataaccataa	tattgatatc	agacccactg	aaattaatat	tctaatagtg	ggtgcatttt	120
taaaattcaa	atgaatatga	aacaaccaga	gtccac			156

<210> 36078
 <211> 101
 <212> DNA
 <213> Homo sapiens

<400> 36078						
acaaatggca	tatgttttcc	acttctttgc	atgcgtttta	gtcagtttat	acacaaaatg	60
gattttat	wdyagtwtaa	ctgtgtttct	ccgacagctc	a		101

<210> 36079
 <211> 303
 <212> DNA
 <213> Homo sapiens

<400> 36079						
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atagaagtaa	gcaaccgtgc	attaaaaagc	tatgaaaaga	tgwagagwat	tatgccttma	120
ratgggaagg	aatacttaac	tgtgaataag	acctagttca	acatggaact	tcctgggtggc	180
caagtcagaa	gagaagcaca	gaacaaaaac	ggaggcacag	agaggtcaat	tgattggtct	240
aatgacacag	wtctagcaag	tggtggaacc	aggactgaat	ccaggtgtgt	gtccggaatt	300
ggt						303

<210> 36080
 <211> 108
 <212> DNA
 <213> Homo sapiens

<400> 36080						
cagtggagac	cttacagaga	atgcacacta	catttgagca	tgacatccag	gctctgggca	60
cacaggtgag	gcagctgcag	gaggatgcag	cccgcctcca	ggcggcct		108

<210> 36081
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 36081						
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gtataatttta	agtcgtttac	tagatagaac	tttkttttag	gttttagatgg	ccawkdcac	120
dtakatgggt	tagwakgcag	agtakacatt	tdcctttgca	aacagtatga	gttaaaaactt	180
tctatgctaa	atgagaatgc	ggcataaaagt	ctccacttac	tgaaatttaa	agattcaaca	240
agacaaaccg	agaagggggg	cagwggwkct	ctaggaaagg	cccaggagag	ggcagttggw	300
ggcac						305

<210> 36082
 <211> 250
 <212> DNA
 <213> Homo sapiens

<400> 36082						
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ggtcttttat	gaaatatatt	tgcaagttgt	cctcttctag	taagtcwttt	aawtaaaaag	120
tttatatgca	ttggctaact	tkgtwattag	tttktttcta	gcattttaaa	tctctgctat	180
aattgtatca	ctgttgctat	twattgtdag	tattgttcat	tttaggtgtc	tgcatgggct	240
aatgccatgt						250

<210> 36083
 <211> 420
 <212> DNA
 <213> Homo sapiens

<400> 36083						
gttttaaaagg	gaabcagaaa	aggagagaat	atgctattgt	ggcacttcta	aaatgcagag	60
tgtcctcaaa	gatgggtata	gtgggtaatg	ggtttcata	aaattgcata	ctagagtatc	120
tccatttcct	cttttaattg	tkttaattgg	ttttttaaag	cttgatatgc	tgagkhagtt	180
ttcattttaa	aacaatgctt	gagtaggaaa	gttaaagaaa	tagaaattgc	ctgttttaat	240
ctattcatcc	tggcagcagg	tatgtattgt	atctgtccag	agtccaaaac	gtcagctccc	300
tncacttgcc	ttccccattt	cacataaact	ataaaaagta	gaaataatat	attatgtcat	360
atcctaacat	cagttcaatg	aatatagttt	ttaaaatacc	tactatgtgc	tagatactga	420

<210> 36084
 <211> 421
 <212> DNA
 <213> Homo sapiens

<400> 36084						
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atttcttcac	ctgtaaaata	gggataatca	ggwttttttc	atgggggtga	ggwtgagttg	120
aawgttcmkr	aagtgataac	tccagmaccg	tgcttgccct	agaggaagca	ctaaggggtga	180
agcagctttt	actatgaata	ggaggcagca	ccggaggggw	tcgtctcaaa	caggagagag	240
cgctggtttc	agcttttgcc	ctttctccgg	agtgactcct	caatcagaca	gggggaaggt	300
gggggtgtcca	ctatctcatc	attgcccagga	gcctccctgc	aacaaccagg	ykkgggtggtc	360
wtgtcccat	ttatagacca	gmnnagggaa	gttaaggaac	ttgccccagg	tcagccagac	420
a						421

<210> 36085
 <211> 265
 <212> DNA
 <213> Homo sapiens

<400> 36085						
tgcatgtgtg	gaggagccca	tttactgct	tcactgttct	ggaagtgatt	cccctttact	60

catttatcct	taagctcaga	gttttccatt	tgtttctgaa	gattcwattt	gsckamtttc	120
ttatytarcc	attgaaaatg	ckttttgata	agtttttagag	tcccctaate	aactgtctac	180
atttccttat	gtatcacaat	tagaattata	tgctaacgtg	ctaacgcagg	gatattttctc	240
ttttcttttt	ctttcttttt	ttttt				265

<210> 36086
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 36086						
agtccaaatt	ccaattttata	gggatttctag	gaagagaaaa	atgtgaggca	gatattatta	60
aacaattaac	ataagaaacc	tttcagaact	gaagatcatg	aattttaaga	cccaccaatg	120
cctagcacca	gtgagtggaa	aaacacccac	tcatttgggt	gcattttcat	gatggagttc	180
tacagactaa	gtgataattg	taaaagcccc	c			211

<210> 36087
 <211> 104
 <212> DNA
 <213> Homo sapiens

<400> 36087						
atttgtctgc	tccaggtgct	agccaggcag	gcgcasktgn	gccggctagg	gctggaagtg	60
tcagcggcgg	ccgcggggcc	ggcagaaggc	cgaktakgag	gaac		104

<210> 36088
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 36088						
acaatagtgt	taggctgtaa	tgtcattctt	taagaatctt	ttccagtaaa	catttggttac	60
tttttcaaag	taattgggag	ctggtgagtg	tggaagcgaa	aaccaagtta	agdagtcctg	120
ttatttgggt	catggtctac	gtgaaacatc	aaagaaacct	gtaacggaaa	acgacttggt	180
tgaaagagcc	agttctctat	ccaaattttac	caatcagaat	cttgactga	aaagataaac	240
caatcgtgaa	tctctacggc	cacttccgga	atthagcaac	cgatcactaa	cagggatcgt	300
ccacaagcg						309

<210> 36089
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 36089						
aggaccacgg	aatcctgttc	tctaacccaa	ggggcagtg	aggtggtttt	aagcccacag	60
aatattgaga	tatttctctt	gtgggttttg	tggggtgggtg	ggatgcagaa	rgttaattaa	120
agatcaattt	taagcatcag	atagactatc	ccttttattt	ttttaacttt	taggttcaag	180
ggtacatgtg	caggttggtt	tataggtaaa	ctcatgtcaa	gtgggtttgt	tgtacagatt	240
attttgtcac	ccaggtgcta	agcctagtac	ccagtagtta	ttttccctgc	tcttctnnst	300
cctcscaccc	tccacctca	agtaggcc				328

<210> 36090
 <211> 271
 <212> DNA

<213> Homo sapiens

<400> 36090

taataacttgg	ttttatgttc	attccattgt	aggaacttag	tgattattac	aaaacagtca	60
aaataggtca	tagcaaaatg	aacgtttaag	attagggttaa	aacattcctc	tgaaatttta	120
gtattcactt	ttgaagtgtc	aattactata	tttctgtaat	ttctcatttt	tttcttggct	180
tagagtcaag	atgaaaaatg	atatttgaat	caaagacatt	gttttgttat	atagccactc	240
ctttctaaaa	tgcaaatcca	ccctcccca	a			271

<210> 36091

<211> 144

<212> DNA

<213> Homo sapiens

<400> 36091

cacgggcccc	acaggcatca	agtatgacct	ggaccggcac	cagtacaact	acgtggacgc	60
tgtgtgctat	gagaaccgac	tgactgggtt	tgccaagtac	ttcccctamc	tggtgcttct	120
gcacacgctc	atcttcctgg	ccca				144

<210> 36092

<211> 83

<212> DNA

<213> Homo sapiens

<400> 36092

tatttccatc	tttabgtctg	tctgtaccca	tkgttttagct	cctactttat	aagcaagaac	60
acgcagtatt	tgattttttg	agt				83

<210> 36093

<211> 233

<212> DNA

<213> Homo sapiens

<400> 36093

agacagtttt	gaagttttwca	aagactggct	cwgctgtbaa	gaagtwgtac	ttaaagcgga	60
ggagctaagc	cacctgcaa	hatgtgcaa	ggacttgag	ctttgvcccr	astccatgcc	120
wrggamaagg	gccavggmga	tdaagrtcaa	gtkgggaatt	ctcctccaga	agccagactc	180
agttggdgac	cttgtcattc	cgtrcaatga	gaagccagag	aaaccagccg	gcc	233

<210> 36094

<211> 383

<212> DNA

<213> Homo sapiens

<400> 36094

taccatgact	gctttaatag	attgccaaagc	tgcgcttcat	acctagtga	tcataacatc	60
cgaagcttcc	tagaagagtc	ggaccattag	actggaggga	taactactcg	cttattcggt	120
tgccttcagg	aaaggggaat	ttatgtgctt	ggttattggg	ctgattaata	gcaggacaag	180
aatctttatt	gtctctgtag	attcatccaa	ataatatcca	aatatatata	taatgtttgt	240
ttgagatggg	gtctcacttt	gccccctgg	ctggagtgc	gtggcacaat	cacagctcac	300
tgcagctca	acctaccgg	gtcaggsnn	tcctctacc	tcagcctcct	gaatagctag	360
gactatagac	acgtgcccct	gca				383

<210> 36095

<211> 109
<212> DNA
<213> Homo sapiens

<400> 36095
ctttgccagt gctctaagtg ataacatttc tttgtggttt aaattgcctt actggggccgg 60
gcgccatggc tcgcgctgt aatcccagca tgttgggagg ctgaggcgg 109

<210> 36096
<211> 146
<212> DNA
<213> Homo sapiens

<400> 36096
attagtcggg cctggtggtg cgtacctgtt atcccagtta ctggagaggc tgaggtggga 60
ggatcgcttg ggcccaggag ctggacgttg cagtgagccg agatggcccc gctgcactct 120
tgtctctaac aaacaaaacg gaccgt 146

<210> 36097
<211> 237
<212> DNA
<213> Homo sapiens

<400> 36097
taaccaacaa atcccataag tggacctttt aggaagataa catttctatc catgagcata 60
gccactataa tcacaagaca tttatctcaa gcaagataga gtcaagatac tctcacaacc 120
tcaggggctg gaactgtaaa ttttcacatc ctgccaacac ccttgaatag ctatgtcaag 180
aatttagtgt ctgtaacttg ttctttattt taaagtacat ttaacatcat cggcgcc 237

<210> 36098
<211> 319
<212> DNA
<213> Homo sapiens

<400> 36098
taatctttaa gttgagatca gaatatcaac aaagagtcag tcatgcaaaa atgaattgct 60
tagttctttt gttaaaaact agaattgttag agctatgtcc aactttcaak wgdttggcagg 120
cttttgtcca agtaatatat atgtattagt ccattttcac aatgccagar agatactacc 180
tgagactggt taatttataa acaaaggagg tttaattgac tcacagttcc acacagctgg 240
ggaggcctca ggdaacttac aatcgtgggg aggggtgaagc aggcacattc ttcacaaggc 300
ggctagaaaag gtaragaga 319

<210> 36099
<211> 412
<212> DNA
<213> Homo sapiens

<400> 36099
tgagttccag tgccctgtgtc gagatggatt caaaggagac ctgtgtgagc acgaggagaa 60
cccctgccag ctccgtgaac cctgtctgca tgggggcacc tgccagggca cccgtgcct 120
ctgcctccct ggcttctctg gccacgctg ccaacaaggc tctggacatg gcatagcaga 180
gtccgactgg catcttgaag gcagcggggg caatgatgcc cctgggcagt acggagccta 240
tttcacgat gatggcttcc tcgccttccc tggccatgtc ttctccagga gcctgcccca 300
ggtgcccag accatcgagc tggaggttcg gaccagywca gccagtggcc tcctgctctg 360

gcaggggtgtg gaggtgggag aggccggcca aggcaaggac ttcacagcc tc 412

<210> 36100

<211> 77

<212> DNA

<213> Homo sapiens

<400> 36100

cttcttggtc ggcgtgggag gctcctggca gacccatccc gcggtgcagc cgccggcccc 60
gtaggcgcca ggacccc 77

<210> 36101

<211> 391

<212> DNA

<213> Homo sapiens

<400> 36101

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ttgttcagtt ccaccccaca ggcacatskg gtgctggttg tbtcatcagc gaaggatgtc 180
gtggagaggg aggcattctc attaacagtc aaggcgaaaag gtttatggag cgatacgccc 240
ccatcgcgaa ggacctggcg tctagagatg tgggtgtctcg gtggatgact ctggagatcc 300
gcgahggaag agagctggng ccctgagaaa gatcacgtct acctgcagct gcaccaccta 360
cctccagacg cagctggcca tgcccttgcc c 391

<210> 36102

<211> 254

<212> DNA

<213> Homo sapiens

<400> 36102

acggttcggg cgggtgggca gagcgatccg ttggggagag acgatttgac atcagctaaa 60
tccctctctg ccgaggagtt ttcggagctc ttctcctcct gttcgccctc gtctttgaag 120
gaaatcagtt cgtcggtggc gsytaggtca tccccccac cgccgttcag ctgcggcatt 180
tttttttcac ccaccagcag caatttttga agaaaaatga aggaggaaga aaagccaaaa 240
aaaatcacc ttc 254

<210> 36103

<211> 93

<212> DNA

<213> Homo sapiens

<400> 36103

caccagtgga atgttcgttt gtcttttccc aaaaagtacc aktattggaa agaaagatag 60
ccttagcaac aggtgtctt aataacaaca ttt 93

<210> 36104

<211> 270

<212> DNA

<213> Homo sapiens

<400> 36104

gaaaaaaaaa aatcscagca ctttgggagg ctgaggcggg tggatcaciaa ggtcaggaga 60
tcaagacat cctggctaac acggtgaaac cccgtctcta ctaaaaatac aaaaaattag 120

ccgrgcgtgg tggcgggcac ctgtagtcss agctactcgg gaggctgagg caggagaatg 180
 gcgtgaaccc gggaggcaga gcttgacagt agccgagatc gcgccactgc actctagnct 240
 gggcgacaga gcgagactct gtctcaaaaa 270

<210> 36105
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 36105
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 tagcbwrgca atttttacaa tcccttggac agtgtacata ggttccagtt tgtcagcatg 180
 ctsrtcaaag ctttccattt ggcatgtttg atgtgttttt tatagttgaa ttatggaaat 240
 tctttatatt tgctgaaaat taagaccata ccagatatat gacttaccaa cattttctcc 300
 aaattgatga gttttctttt cccttgttga wagtgtgtgc ccttgcrsaa aagnntttaa 360
 ttttcataaa tcacattacc tttttgttaa ga 392

<210> 36106
 <211> 170
 <212> DNA
 <213> Homo sapiens

<400> 36106
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 taatcgctcc tctccggggg cggccatact gaggaggcat ctcttccgtg caggcaggct 120
 ctcttgggga cctcagagat tctctccagc ggcasagaaa acgggcaggg 170

<210> 36107
 <211> 191
 <212> DNA
 <213> Homo sapiens

<400> 36107
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 atagagtcac attctgaggt acttgggggt aggggtttaa catactaatt ttggagggam 120
 acatttcavc ckatartaat acaatatgtg aratttggtc agctgwtgtt taaagtaa 180
 atgaggggaac t 191

<210> 36108
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 36108
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 aaagttccat ttctgacagc tgacatttat taaactttgg atcaaagata atgtgattct 120
 tatgattgat ttctcaaact agcttttccc tccaagtcc aggaccatt aatttcctga 180
 gccaatcaga aatatatgtt tcartaatgc taaaattagc tacgnttctg ctgaccct 238

<210> 36109
 <211> 102
 <212> DNA
 <213> Homo sapiens

<400> 36109
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 gcctcccgcac tccaaggcgg gcgacggcaa agttaaacgc ca 102

<210> 36110
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 36110
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 gccagggcac ggggtggagct tgctgagtgt taggtcgtgt gcctgctctt cttggcggag 120
 tcttgccag atamctcatc tggttccatt gcttgtcagt ctctaaatng ggcctttcct 180
 gccagctcc cagccctggg gctcacacca tcacaggcca aagaactgga ttccagacac 240
 tgctcctcc actgtcccca cagtgaaaat grnnagggat gtccctgtgg agccctaact 300
 gggaccacaga cagc 314

<210> 36111
 <211> 204
 <212> DNA
 <213> Homo sapiens

<400> 36111
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 tttaaaggaa acaaccactc ttttgaatgt acaacttttt tttctgaaat acacttttct 120
 aaaaccctct taactggagg tttcctgttt tcttcttgtt ttaactggtg gtttccagta 180
 ggcaaaataa aatgacaggc acac 204

<210> 36112
 <211> 57
 <212> DNA
 <213> Homo sapiens

<400> 36112
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<210> 36113
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 36113
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 taaagaagtt atttgaactt cttagttsa taatttcctt ggcat 165

<210> 36114
 <211> 159
 <212> DNA
 <213> Homo sapiens

<400> 36114
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004220" 656E560

cctgccccca cgccctcac cgctgccac tgcgctaggc tcagccagct gggggcccaa 120
ggctcccagc tgatgacgag cccacccaact cactcccca 159

<210> 36115
<211> 473
<212> DNA
<213> Homo sapiens

<400> 36115
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tcccaatcct ggtcttccaa tctctgaggc ttgctgagtt ttttcccaac tttttagaaa 120
ttatgagaaa aaaataattt taatttactt tttattttta aaaatacata gaaaatggcc 180
gggcgcggtg gcttatgcct gtaatcccag cactttggga ggcccagggtg ggcggatcac 240
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ggcaggagaa tcgcttgaac ccgggaggcg gatgttgtga tggggactct ctatatccaa 420
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<210> 36116
<211> 261
<212> DNA
<213> Homo sapiens

<400> 36116
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gttcattgta tttatatgtg agggatggmt ggctgcgggg ctccaagtaa gttattggga 180
tgttttttat attccagggg tgctgtacat tcttatttta ttttcacaac agctctgtga 240
tgtaaagtgc atctccatga a 261

<210> 36117
<211> 116
<212> DNA
<213> Homo sapiens

<400> 36117
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acctacagtc aaacaagtgc tttggacttc taggggtgaa tggagctggg aagcga 116

<210> 36118
<211> 199
<212> DNA
<213> Homo sapiens

<400> 36118
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aaatcctata tggcattctg tctcagttag tcagttaaca aatacgtatg tgcaaccctt 120
ctgctaktng tgcacataag tgattatccc tgccaggtag cgagttggaa tatccagtta 180
tttcatgtca cacatcggc 199

<210> 36119
<211> 141
<212> DNA
<213> Homo sapiens

<400> 36119
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 agacagtctg ttcttttgta aacattttta gttggaaaaa cagcatctgc attttcccca 120
 tcctctacgt tttagagagg a 141

<210> 36120
 <211> 287
 <212> DNA
 <213> Homo sapiens

<400> 36120
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 tctacaaaaa atttaaaaat tagctgggta tggggtgcta tgcttgtaat tccagctact 180
 tgggaggctg tgacaggagg atctcaggaa tttgaggcag cagtgaagta tgattgttgc 240
 acaggctgga gtgcagtagc acagagtaag accctgtctc taaatac 287

<210> 36121
 <211> 133
 <212> DNA
 <213> Homo sapiens

<400> 36121
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 magcccattt gagttttaca tttgattcca caatttggtt tcaggwaggc ttggtaatag 120
 actatataaa cca 133

<210> 36122
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 36122
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 aaaattgtgt caggttttta taagctgtta tttctgtgg ttttctgaa ggtttttctc 120
 ttgggggtgg catgggcaga ttttttttct tcatcctgtt tgtgccatag ctatatctga 180
 gtcaattgcg gctggg 196

<210> 36123
 <211> 200
 <212> DNA
 <213> Homo sapiens

<400> 36123
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 tgagttcttt ggcaacctct tgtatagttg atcagccttg atgattgctc tcaattgggt 120
 gttgtcaact tccaatggcc agccactgtg atcttcatct tcaaggctct tgtctccttt 180
 gcaaaacttc ttgaaccacc 200

<210> 36124
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 36124
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ccaccacacc tggctaattt ttttattttt agtggagacg gggtttctcc atgttggwaa 120
ggctggtctt gaatt 135

<210> 36125
<211> 208
<212> DNA
<213> Homo sapiens

<400> 36125
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ccccagatg gaaaaggaaat gagggggcag gaaaaagtca gtcaaaatgt cagcagccac 120
accctgttgc cttcacaagg accccgtttt atgcagagct ggttctgcta atcatgggga 180
tcgtcagtgc ttcacttccc accccccc 208

<210> 36126
<211> 52
<212> DNA
<213> Homo sapiens

<400> 36126
ttagtgatgt gttaccacag atgcagcagg tgtgtgcagg tatcttgctc tc 52

<210> 36127
<211> 94
<212> DNA
<213> Homo sapiens

<400> 36127
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tgtgtgtgta attttttttt tttttttttt tttt 94

<210> 36128
<211> 443
<212> DNA
<213> Homo sapiens

<400> 36128
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cttgtctcac caaaatctca gatgggatga caaaacgatt taaagaaatc aagtttgata 120
gctgctcaga atcttgaagg tccaccctta gtgacagagg cagtcctcaa attcatatga 180
gatgagatgt actgttcaaa aattgtgctt gaaggccact ggccaaatgt ttataacaga 240
tctatctaca tgtcataaag agcgtgaagc cccattttta agagggagct ccagctatca 300
ttaagttcct tctcccaaga cccctcccaa cttctggggg tctaggtccc ctgcttctkc 360
tgccctgdta gctgtgatct gctcctcttg agagggctgg tgtggcaata gcttccccag 420
ggactcagcc ccactcagct cct 443

<210> 36129
<211> 98
<212> DNA
<213> Homo sapiens

<400> 36129
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 tatgccattg ccaaggttaag atgttacaag gggccaca 98

<210> 36130
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 36130
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 attgtaggca gtttggaata cagcccataa tctcaccact cggagattac attgtgaata 120
 atttgggtata tttcctttta gaaatatacc aaattatcct ttttccctct gagtgtatga 180
 atatttataat ttgtttttta cataacttgag ctcatagtgc tcagtatttc caacgttctg 240
 tttattttaag atgaaaattg ctgtagttaa taagcacttc cccatgtcat taaaatgctt 300
 aaggattttt aatgaccaca taacagtcca taatatgatt aaacccaat knactgaatc 360
 aatgcccc 368

<210> 36131
 <211> 291
 <212> DNA
 <213> Homo sapiens

<400> 36131
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 ccagcgctaa cactccgtcc cagctcccat cacttctcct gaacttccgc agtgtcgact 120
 ccacccttta attaattaat tctccgtaaa gcagctggag cgatttttgt aaaacagata 180
 atgcagtttg aaaatggcca aaggtagaac gcttttacac tgttggtggg aatgtaaatt 240
 gggttcagcca ttgtggaaga cagtgtggtg attcctcaga gacctagacc c 291

<210> 36132
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 36132
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 ggtaaaactct gtagctttca catctgacgg aaaactcccg cagaagagcg gactacaggg 120
 aggagtgtga agattataca agcagatttt acaaaaagatg acatctacga gcertattaaa 180
 gaaaaacttg caggcttaga aattggaatt ttagtcaaca atgtcggaat gcttccaaac 240
 cttctcccaa gccatttctt gaacgcgccg gatg 274

<210> 36133
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 36133
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 cacacactgg tggaagagag ggaagccaaa ctactggatg tgatggagct agcagaaaag 120
 ttctgtgtgt gatcacatgt cattgatagt tansattaaa gataactcaag atttcatccg 180
 ggacctggaa gatcctggaa ttgatccttc agtagtaaaa acaacagcaa gaagcagcag 240
 agaccataag ggaagaaata gawggactac aggaggta 278

<210> 36134
 <211> 106
 <212> DNA
 <213> Homo sapiens

<400> 36134
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 agaaattatc agtagcttac ttctctgata gtaggtaatt atagtg 106

<210> 36135
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 36135
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 gattgcttga gccaggagt tcgagacctg cctgggcaat atagcgagac cccgttctcc 120
 agaaaaagga aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 180
 aaaa 184

<210> 36136
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 36136
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 gaaaacatct atggagattt aaaagtataa ataagggtgt atggttcttt gggaaaaagc 120
 agcagcctca tacgattaac tatgtattta cagggttttc caccttcctt tgtttattgt 180
 ttgcttggtt gtttatattc cataaaagac ttgagttagc taggctaggc 230

<210> 36137
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 36137
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 tacagaaatg agttaattgt ctctgtgata aaaaaaaaaa atgaaatatt tycttaattg 120
 aawtwaawat tttkgycttg aagcatttgc tagtgatagd dtgwatttgy ctttttycct 180
 ggkggcact 189

<210> 36138
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 36138
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 ggcgcasagc atgcctgggg ccagagctcc tctgacctcc agaaattcat tcctgcctga 120
 aggkgtgggc ctctttacat gcaggctatt tctgaacaag tagcatctgg gagcaagcag 180
 tgagaaagcg aggggaaaac tgacaaaatc rrtcvsgcaa gctccccga gtccctttcc 240
 ttcnngyttt ctgagaactc acaatcaagc cctcttgccct ggtgcgcatt caccgctggt 300
 gggcctttgc a 311

<210> 36139
<211> 65
<212> DNA
<213> Homo sapiens

<400> 36139
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ttttt 65

<210> 36140
<211> 116
<212> DNA
<213> Homo sapiens

<400> 36140
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cccgccttgg cctcccaaag tgcgggatta caagcgtgaa ccaccccgcc cagccg 116

<210> 36141
<211> 102
<212> DNA
<213> Homo sapiens

<400> 36141
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agatggccgk ggaaagtggg cgtcttgggt tactgcaggg ca 102

<210> 36142
<211> 103
<212> DNA
<213> Homo sapiens

<400> 36142
agaaataaac ggcatttgat taggaaaaga ggaagtcaag ttgtctctgt ttgcagatga 60
catgattgta tatttagaaa accccaccgt cattgcccgc ccc 103

<210> 36143
<211> 446
<212> DNA
<213> Homo sapiens

<400> 36143
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cagatatattt caaaaaatgc taagggttat ttattaactt ttcttttctt gaattgatgc 180
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cacataaaca aagctcattg atgttctcag tcatttttag cagtgtaaag gggtcctgag 300
accaaaaagt ttgagaatgg ctaatgtatt tcatcagcaa actaaaaaca tttattaagc 360
agctttgtat ttccagtcct agtactagtt gtgtagaatc ggtggcagaa ctttgcctca 420
cagtttagag gtgaagacat acttct 446

<210> 36144
<211> 55

<212> DNA
<213> Homo sapiens

<400> 36144
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<210> 36145
<211> 88
<212> DNA
<213> Homo sapiens

<400> 36145
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tttttttttt tyccccaataa aaatattt 88

<210> 36146
<211> 289
<212> DNA
<213> Homo sapiens

<400> 36146
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atcccagcac ttgggcaggc cccaggcagg aggattactt gaactcagga gtttgagnmc 120
cagcctgggc agcataacaa gaccctctcc atgttggggg ctctttaaaa acacacacag 180
ctgggcgcgg tggctcacgc ctgtaatcct agcactttgg gaggccaagg cgggcggatt 240
acctgaggtc aggagtgcga caccgcctg gctaacatgg tgaaacccc 289

<210> 36147
<211> 100
<212> DNA
<213> Homo sapiens

<400> 36147
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ggcagctgtc atgctcacat cccgcactcc catgcctgcc 100

<210> 36148
<211> 127
<212> DNA
<213> Homo sapiens

<400> 36148
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aactaatggg tcttgctctc aagcagcact attttgttca aaataaaata gttgagagca 120
tgccctt 127

<210> 36149
<211> 123
<212> DNA
<213> Homo sapiens

<400> 36149
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tgggcacctc ttatttggac attgccaaag gcgctgtgga gttattcttg aagctgcgtg 120

ccc

123

<210> 36150

<211> 241

<212> DNA

<213> Homo sapiens

<400> 36150

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ggtaagggac	dagagggagg	ggtttctttc	cgctctcgaa	attgggaaaa	gagacagagc	120
tggggatgac	ctatggggta	gtckgcgcgc	tgaaaggatg	ggctgggctg	ggacgggggt	180
caagtgggaa	aggttgatga	ttaaggtata	gagttggact	tacagatccg	tttkggcgca	240
a						241

<210> 36151

<211> 291

<212> DNA

<213> Homo sapiens

<400> 36151

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gggtggtgat	tccactgaag	caactgccaa	accaaagaga	agtttttatg	ctgccagggg	120
tttgtaacaag	taccgacacc	agtacccaaa	cttcaaagat	atccgatatc	aaaatgactn	180
gagcaatctt	cgtttttata	agaataaaaat	tccattcaag	ccagatgggtg	nttacattga	240
agaagttcta	agtaaattgga	aaggagatta	tgaaaaactg	gagcctcaac	c	291

<210> 36152

<211> 383

<212> DNA

<213> Homo sapiens

<400> 36152

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ctctaacttt	gaaaagagta	ggaacaagac	ccttcccrwt	tctgcaggcc	tgtagtggat	180
ccaagtgtct	atttctaact	cccagattgt	tctggtgctg	ctcatcttca	gattgcactt	240
ggagtagcaa	gacaggccat	tcaggaaaat	gctattaaca	gagatgaatg	aatctctagg	300
ccataactag	tataagaaac	ggttttcaat	gtggacatgt	cctcattttt	gtaaggaagt	360
ataacagaag	tccaagttgg	tcc				383

<210> 36153

<211> 144

<212> DNA

<213> Homo sapiens

<400> 36153

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cctggctatt	ttttgtatt	tttagtagag	atgggggttc	acccgagatg	gtctcaatct	120
cctgacctga	tgatccgcct	gctt				144

<210> 36154

<211> 190

<212> DNA

<213> Homo sapiens

<400> 36154
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ttgtatatct aagactcatc ctgattttta ctatcacaca tgaataaagc ctttgtatct 120
ttctttctct aatgtttgat catactcttc taaaacttga gtggctgtct taaaagatat 180
aaggggacaa 190

<210> 36155
<211> 142
<212> DNA
<213> Homo sapiens

<400> 36155
aaattcagat ttaatccttg agtgaaatga gtcactggct catccagtta agatcatcac 60
ccactttcct aacaaaactt ctcttcaaag aaggactcgc tcatccatca ggtggacctc 120
cacaggaaca aatcatatcc at 142

<210> 36156
<211> 193
<212> DNA
<213> Homo sapiens

<400> 36156
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gtgtgactag acttcagatc tccaaaacct caccaagaac aatccatgga gctacaattg 120
cctctgcwta aattcttggg acctgaagat tctaatttgc acacttgakt gagttatacc 180
taccctggcc ttt 193

<210> 36157
<211> 147
<212> DNA
<213> Homo sapiens

<400> 36157
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ccagctagtg ttacagactc taaagtagag gcataatctt ctagatcaga atctggattg 120
gaagtgggat aaagaaatct tgacccc 147

<210> 36158
<211> 471
<212> DNA
<213> Homo sapiens

<400> 36158
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ggccgagtgg gccagagaa gcgaggaact ccgcagctcg tcgacacgtc tcgtctcctg 120
tcccaattca gggcttgggt aggtgactcg yggctgcggg tgactcgccg gcaggacact 180
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gaaagtcaca agtctggagc ccggcactgt ggtcataaca gagcaggcag tggatacctg 360
cttcaaggca gagtttgagc agattgtcct ggggaagcgg gtcatccgga aaacggacct 420
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<210> 36159

<211> 229
<212> DNA
<213> Homo sapiens

<400> 36159
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tgatcttcct gccttggcct ctcaaagtgc tgggattaca ggtgtgagcc actgcaccca 120
gcctaaatgt taammtacat tggcataaaa tttatactgg gccagttga tttctctgcc 180
cagattcatt tggctccctt ctcaaacctc agttgcytgt cctacttcc 229

<210> 36160
<211> 424
<212> DNA
<213> Homo sapiens

<400> 36160
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tgaggttggg tggggagttc ctgggtagat gtccttgac aagtattttg ttgtgtaagg 120
ctgtgatggy cnntgtgcaa gagcgtaggt ttttagagtc ctttgtgata gttgtgttat 180
caggcattca agcgtgagaa ccctctcttc atggccttcc ctgtctgttt gtcaaagggt 240
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aatctgtatg atstttttct atgttttagg ctactgata aaacccttat agaaagcttt 360
tttgagagca ccaaaattgt ctgggtacct tcttaggtgt gagactgagc tctctccatg 420
gctc 424

<210> 36161
<211> 382
<212> DNA
<213> Homo sapiens

<400> 36161
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accaaagcct ctctcccccg gcaaataatt ttccaacact cactaacatc aaaacactct 120
acagattcaa taaactttga ttctcatttc ctttctgag ttctataggc tgaaactctg 180
gcctcttttt tgcttagtcc atttgtatta cattacaaga cttgccgtat actatctttg 240
tatggattta ggtattcgaa gcagcctttg aacttcttat cctttgcttt gtttctttct 300
gcaactggcct tacattctct gctcttttcc ctgcccttcc catgtcttct ttgccgcct 360
ctcgacacct ccccttacc ct 382

<210> 36162
<211> 160
<212> DNA
<213> Homo sapiens

<400> 36162
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aaaacacttt tattttgaaa taattataga ttcacaggag attgtaaaga ggtgtacagg 120
agagtcccat gaattcctct gctggtcttc ccccatggc 160

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<211> 190
<212> DNA
<213> Homo sapiens

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 ggatattgat ggaggaggtg ggtatgcaca tgtgggagtg gtgcatgaag agaagccac 120
 acaggcaggc accgggccag aagaggggag tgctggggta tttgggacca agtgggtgta 180
 tggctgcaac 190

<210> 36164
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 36164
 aatgagatgg ttaaaagtgt taattatatt tctctgaacc ttttaataag tgtttaccac 60
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<210> 36165
 <211> 66
 <212> DNA
 <213> Homo sapiens

<400> 36165
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 agtccc 66

<210> 36166
 <211> 217
 <212> DNA
 <213> Homo sapiens

<400> 36166
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 cattttcagtt tgtgatgcct taactaagaa gccaatgtgt agcctgaaat gcaatcttgg 120
 tagccagttt caatgaagct agagattagt cagaaaaagt tagctgttgg gcttttagaaa 180
 gggattttga gtcctgtcat ttctacttgg gagcggc 217

<210> 36167
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 36167
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 tattcacttg gtaaccttta ggggaaaaaa tagtataaat tgttcaatat gctactaata 120
 ttgggttttt taaataatta aactctattt ttattaccag aatctgtctt taactgttta 180
 aaaagacaaa gaaaaagaaa acttggctct gcccttagca cccagtaatc attcaccttt 240
 aatgcaagta atttcagtgc taagggcaaa ctcttgtgtt tgctgatgat gctttaaaga 300
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<210> 36168
 <211> 138
 <212> DNA
 <213> Homo sapiens

<400> 36168

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ctatttcttt tttttttt 138

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<211> 222
<212> DNA
<213> Homo sapiens

<400> 36169
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cctgaaatct cagttttact cagacctgtg ctatatagag tattatgttc atgcccatgt 120
ctgatgtgga gggagagaca cagacaggag agtgggtgac tgactcagat gtaaatgatc 180
ttattatact tgagctgcaa ccacacctag aaaccttgac at 222

<210> 36170
<211> 88
<212> DNA
<213> Homo sapiens

<400> 36170
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gcctgwaatc ccagcacttt gggaggcc 88

<210> 36171
<211> 176
<212> DNA
<213> Homo sapiens

<400> 36171
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atttcagtga ttgtgtgaat tgttagaatt aagataattt ggtgttaatt gcagtgatta 120
tktcaagtta taagattgta atctattawa aacgtgttaa ggatggaagg cacaac 176

<210> 36172
<211> 142
<212> DNA
<213> Homo sapiens

<400> 36172
gcwaaatggc tgtgcagaaa agcatgcggg atctgcccaa gcggggcagc ggctgagggg 60
gccctggata mcttcccat ctcttgctgc ctctgkcca gatcggggga gctggagtgr 120
angctggctg tcaaatatcc ga 142

<210> 36173
<211> 115
<212> DNA
<213> Homo sapiens

<400> 36173
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gcttkaacaa cagtgaywtt ggatcttagc aagctcatat cggtggagca agttc 115

<210> 36174

<211> 61
<212> DNA
<213> Homo sapiens

<400> 36174
tcactacttg gtaasrtcac cattaccacc ttctgaatct cccacttkck aagtctactc 60
t 61

<210> 36175
<211> 69
<212> DNA
<213> Homo sapiens

<400> 36175
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ggcttagga 69

<210> 36176
<211> 261
<212> DNA
<213> Homo sapiens

<400> 36176
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ccctatgaat ggwtgttttt agttttttatc tctgtttttat gtataacgaw akkgatgtgc 120
agaaatcaka tgaattagat gtttkwatgc gcactcgarc ttaccgtwtc tttttcacca 180
cctgtatcgc taatcctctt aactggcagg watggggcaa gtcawtttca vsacgcgagt 240
cttaggctaa atctgtttat a 261

<210> 36177
<211> 116
<212> DNA
<213> Homo sapiens

<400> 36177
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<210> 36178
<211> 325
<212> DNA
<213> Homo sapiens

<400> 36178
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atcccagcac tttgggaggc cgaggcagga agactgcttg agcccaggag ttcaaaaacta 120
gccttgtcaa cacagcaagt ccccatcgct acaaaaataa taddttagcc aactatgggtg 180
gtgcatggct gtagtcctat ctacttagga ggctgaggca ggagaattgc ttgagccccg 240
gagttccagg ctgcagtaag ctatgatcac actactatat accagtatga gcaacagaac 300
aagaccttgt ctttatttta atttt 325

<210> 36179
<211> 267
<212> DNA

<213> Homo sapiens

<400> 36179

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taattccatt	tttccatgaa	ctttttgaag	tccccgtata	cataactttt	catggtgaga	120
acacttataa	tctactgtca	gcaattttca	aatataaaa	atattattaa	ctgtagtcac	180
catgatatac	agtagatctc	ttgaacttat	tcctcttttg	tctgaaattt	tgtatgcttt	240
ggccaacatc	tccccaatcc	cccagac				267

<210> 36180

<211> 360

<212> DNA

<213> Homo sapiens

<400> 36180

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caagcagtaa	actaattttc	agatttcaga	aaagtccatc	agtgcaggca	gagcttcctt	120
tttgtttctt	gacaaatagt	ttgttgacac	tgaaaacaaa	agatgtgttt	tctggcactg	180
tttcaggcnt	tctttttgrg	aacaagctgc	tctgtggatg	tggttcagttt	ctactatttc	240
aaagtccagt	gggtggcatt	tacatgggtt	ttaaactatc	tttagttatt	aacattgggtg	300
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<210> 36181

<211> 118

<212> DNA

<213> Homo sapiens

<400> 36181

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<210> 36182

<211> 300

<212> DNA

<213> Homo sapiens

<400> 36182

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taaaacatct	ggactacaaa	ttattaccca	gaagttcagc	ttctctaata	tatttcgatt	180
cctctctgtc	ctgcatgtag	aagccnagt	caaatgcctt	aaaagtaatt	ctaggcatag	240
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<210> 36183

<211> 148

<212> DNA

<213> Homo sapiens

<400> 36183

gaagattgga	aatttgga	aagaaaacaa	aaccctatcc	aaagaaattg	gtatatataa	60
agaatcttgt	gtccgtctga	aagaactaga	aaaagaaaat	aaggarcctt	gtgaaaagag	120
caactattga	tataaaaacg	ttggtatc				148

<210> 36184

<211> 344
<212> DNA
<213> Homo sapiens

<400> 36184
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cggccccctat aatcccaaca cttcaggagg cctaggtggg cggantgttt gagttcagga 120
gttcaagacc agcctgggca acatggtgag actctgtctc tactaaaaat acaaagaaat 180
agccaggcat ggtggtgtgc gcctgtggtc tcagttactt gggatgctga gatgggggga 240
ttgcttgagc acagggagca gaggttgagc tgagccaaga tcttgccact gcactccagc 300
ctggtgacag agcgagaccc tgtcccaagg awaaaaaaaa gaaa 344

<210> 36185
<211> 198
<212> DNA
<213> Homo sapiens

<400> 36185
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aacaataagc ccagcaacat ggagggamag aaacagggtc tcactacatt gccaggctg 120
gtctcgaact cctgaactca agtgatcctc ccacctcagc ctcccaaagt gctcggatta 180
caggtatgag ccacccaa 198

<210> 36186
<211> 94
<212> DNA
<213> Homo sapiens

<400> 36186
ttcagtttcg cattcagtga cacccaagct ttgaatctgt gaagtagact agcccattta 60
atatgccaat taaaaatgga ttgatctact ttga 94

<210> 36187
<211> 324
<212> DNA
<213> Homo sapiens

<400> 36187
ctactcggga ggctgaggca ggagaattgc ttgaacctgg gaggcggagg ttgtagttag 60
cagagatcgc accattgcac tccagcctgg gcaacaagaa cgagactccg gycttcaaaa 120
acaaaacaaa caacaacaac aaaaaaacag cctcccagacc cccaggcctc acaaagctcc 180
tcactacttg atcccagccc cggctcttctc ccgaggccct ctgcacaggc acgactgctt 240
gtggagactc gttgtctcct gccagatctt aggccvntgg agggcgaggc ctgggcttct 300
cacacgtcba ccattcccat accg 324

<210> 36188
<211> 231
<212> DNA
<213> Homo sapiens

<400> 36188
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ggtaggagaa ttgcttgaac ccaggagacg gaagttgcag tgagctgaga tttgtgcmac 120
tgtacttttag catgggcaac ggagcaagac tctctcaaaa aaataaataa ataagagaga 180

aagatagtgg tgggggttggg gaaagtaaga ttttttttta atgaggtgga a 231

<210> 36189
<211> 142
<212> DNA
<213> Homo sapiens

<400> 36189
atactaaggc tccttcagct aacagaccat tactttctct ttgctttccc ctttctcctc 60
tcaactgcctc tcttctgtca gcattctcatt tcatcagttt gtgcgtctta tttcatgaaa 120
ccaaactgtg agaagatgct ga 142

<210> 36190
<211> 447
<212> DNA
<213> Homo sapiens

<400> 36190
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caagaccatg atagactcta acttattttt ataaggaata ttgactcctt ggcttccaat 120
ttatttagta atccaacttt gcattgactg tttaatcatt tactctaaat gttagataat 180
agtagtcttg ttcacatttc atgaaaccta tgaaactata tttttgtaaa atgtatttgt 240
gacagtgaaa tcctcgtaaa tgttaaaggc tttaaatagg cttccttttag aaaatgtgtt 300
tckntaaatt tggatttttg tatcttttgg tttgtagtgt actgcagtgt gatgtgacct 360
tacctttata agagccactt gatggagtag atctgtcaca ttactaagat acgatatnrc 420
tttttttttc cgagacggag yttgctc 447

<210> 36191
<211> 208
<212> DNA
<213> Homo sapiens

<400> 36191
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acagtgactc acgcctgtaa tcccggcact ttgggaggcc ggggctggcg gatcacttga 120
ggccaggagt tcaagaccag cctggctaac atggcgaaaa ccctgtcact actaaraaat 180
acaaaaatta gcctggtatg gtggcgca 208

<210> 36192
<211> 92
<212> DNA
<213> Homo sapiens

<400> 36192
ccatccacaa gtttcagggg aatccccaag gccacgcaca tttctgtcca gctggttact 60
aattgtagga ggttcccatg tcccacmctt ca 92

<210> 36193
<211> 198
<212> DNA
<213> Homo sapiens

<400> 36193
taattcttat gtccctaattt tatttaattc tgagttcctt acacagcatt ttagggaaaag 60

aatacaggca	ggatgacact	ttgtgttaaa	gtgttatttt	tatgtattac	ctggaatgag	120
gcagggtttt	ttctgttttc	taaaaagagt	aaccaagata	cctccagggt	gtcattgggt	180
tccagctgct	ctcctcca					198

<210> 36194
 <211> 54
 <212> DNA
 <213> Homo sapiens

<400> 36194	atagcgctcg	gagcgctctt	gcggccacag	gcgcggcgctc	ctcggcgggcg	ggca	54
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<210> 36195
 <211> 140
 <212> DNA
 <213> Homo sapiens

<400> 36195	ttaaaattac	atcatgaagc	agttataatt	tccccattt	tacaggatca	aagaaattga	60
	ggtttaggga	gacatgatta	gtaagtgcc	gagctaagat	ttacatawgk	ttttaactga	120
	cctcagagcc	aggacgcgga					140

<210> 36196
 <211> 204
 <212> DNA
 <213> Homo sapiens

<400> 36196	tgcccattac	tgtgagggac	ccttgaagtc	tggactctta	aatgggtttt	tgctgatttc	60
	ctgggtgcat	gctaggatga	tggggcttga	tgtagtaggg	aaagagacct	ttwaaataat	120
	tttgctataa	aaaaatttgt	gataagtttc	tatcaaaatg	gggagattgc	agaaaaggct	180
	tcccttggtc	cccaaggagg	tgca				204

<210> 36197
 <211> 448
 <212> DNA
 <213> Homo sapiens

<400> 36197	cacttgga	cttgwkgcca	tgctgggtta	ttaattggcc	taatttcagt	atcattgtgt	60
	ctcagggaat	agagacactc	aagagcagaa	acataaatgg	gggaactact	grtcagtgga	120
	gcagcccgtg	cacacacaac	attnwtcgat	taagtttgca	atcgtatatg	agtatgattt	180
	gtgctgctcc	caatcaattg	caatgctaac	atcaaagatc	actaatcaca	tatcaccata	240
	kaaataataat	aataatgaaa	aagtttgaaa	tattgtgaga	attaccaata	tacgacatag	300
	tgacatgaag	tgagaatgtg	ctgttgga	aatgacagat	aaacttggtc	gatgcaggat	360
	tgtcacaaac	ctttaatttg	tggaaaagggt	aatatctgcc	aagctcaata	dagcaaagggt	420
	cagtaaaaca	ggtatgccta	taccatwa				448

<210> 36198
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400> 36198

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tattttttgtg	gagagaaaga	caccaaagag	tacatactat	ataatttcat	twatatgaag	120
ttcaaaacta	ggcaaaatta	acctgtgtta	ttacagaaaa	caatactaata	tgccatagag	180
tattggcagg	aaggggcatg	agagagcttt	gtgggatggc	agaaatgctc	tacattctga	240
tgggagtgtt	ggtttcaggg	ggac				264

<210> 36199
 <211> 120
 <212> DNA
 <213> Homo sapiens

<400> 36199						
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ctggcagctt	cggagcccac	cgagccgggc	ggctaggatg	atgaaccgga	crmccccga	120

<210> 36200
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 36200						
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ccttatcatg	agctaaagat	ttgcaatcag	aacatttgga	gagtgcattg	ctgagttata	120
acaacngtct	caggacgagg	atatttggt	ggatccctta	aatatataga	tgcttaccag	180
taggtttaat	agaagatttc	tgaaaggtag	cg			212

<210> 36201
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 36201						
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tattggttgt	gaagtggat	ctcatagtag	gctaagtttc	aaaatagcag	ttaggcataa	120
caggagtgat	agtacttta	gatgaagtta	atgttccaat	taaaatattg	aataggctga	180
cctaggaatg	gttcttgacc	ct				202

<210> 36202
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 36202						
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atgcgaagag	agaggtaaaa	caagagggaa	cactcttaaa	cactgscggt	gggraaggta	120
aactagtaca	accactatgg	aaaacagtat	ggagatttct	tagagaacta	aaagtagaac	180
taccattcga	tccagcagtc	acactactgg	gtgtctaccc	agaggaggag	aagtcaactgt	240
atgaaaaaga	tgcatgtaca	tgcatgctta	tagctgcaca	atttgcaatt	gcaaaaatat	300
ggaaccagcc	cct					313

<210> 36203
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 36203

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ctcactgcaa	cctccctgcc	tgattctcct	gcctywgct	gccgagtgcc	tgcgattgca	120
ggcgcgcgcc	gccacgcctg	actgggtttc	atattttttt	ggtggagact	gggtttccct	180
gtgttagccg	ggntgggtct	cagctcctaa	ccgcgagtga	tccgccagcc	tcggcctccg	240
gaggtgcccg	gattgcagac	ggtgtctggt	tcaactcagt	ctcaatggtg	cccaggctgg	300
agtgcagtgg	cgtgatctcg	gctcgctaca	dbbtccacct	cccaggcca		349

<210> 36204

<211> 367

<212> DNA

<213> Homo sapiens

<400> 36204

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gagataatct	aagaaaccaa	attagtgtgg	aatctttgca	garagagaat	krdtttgawt	120
gtantcargc	aggggacgga	gaaagaatgc	tagaatncta	ggggaatgca	catgccagta	180
ccccagtcag	tattactctc	caattctgta	gaatccacag	ttgcatgtca	ttgttcaaca	240
tgcattgcaa	tgtgtggggc	aagtttgcta	cttatcaact	aaatgcattt	tatagtactt	300
accatgtttt	gatttttttt	ttdaatcaca	tcaataatgt	gtctccaaat	gactttgtaa	360
ggggggct						367

<210> 36205

<211> 289

<212> DNA

<213> Homo sapiens

<400> 36205

cgtattctgc	atgagagggg	gaaactgaat	gctatgagcc	actgtatgaa	agtgctttat	60
ttgtgctgtt	gataagagca	catgagctca	tttcacgtag	acamcttctc	ctggwtgghm	120
atttcgtwwg	ataagtgcc	cammaaggcc	tggttctact	aagctcagt	gttcatgacc	180
aggaaaagat	gcagccctga	gttgagtga	tatgctgtgc	caatacccta	agtcctctaa	240
acagaatgta	gacaggaaaa	gagaaatgct	tttctgcaaa	tagcggcaa		289

<210> 36206

<211> 217

<212> DNA

<213> Homo sapiens

<400> 36206

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gtyctgggat	acatgtgcag	aacgtgcagg	tttgtwacac	aggtatacat	gtgccadggt	120
gattkgtkgm	actcatcaac	ccgwcacwa	ggttttaagc	cctgcatgca	ctaggwattg	180
gtcctaatagc	tctccctccc	cttgcccctg	accctt			217

<210> 36207

<211> 362

<212> DNA

<213> Homo sapiens

<400> 36207

cagaatttaa	aagtabwgg	tcttagggat	agactttata	agaaattaga	tatttgcatt	60
tttgacacat	tttgaggcag	taattttaag	atatgtctgt	atagctgatg	gatgcttatt	120

ttacatgaat	gtgttgaagg	ttacaaactc	ttaaatttaa	cattaaacta	cttttattat	180
tcctgtaaag	ctgtgtttac	taaccanndw	catgtagtgg	cacatagaga	aaattgtata	240
taatattaca	cactgtggta	agtgaatcag	cctacggttc	ttgatctcaa	gtaattggcc	300
tagggaccta	ccacctcttt	accttcatgc	tctgcttccc	ctccctactt	actccctcct	360
ct						362

<210> 36208
 <211> 77
 <212> DNA
 <213> Homo sapiens

<400> 36208	
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gtggcbcacc	
caactatgch	
gcaccagaag	
yaatttcagg	
aagattgtat	77
gcaggcccag	
aggwaga	

<210> 36209
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 36209	
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taactttaga	
gaagcttgca	
atttataaca	
tgtattgggg	
aatctaggac	120
aggcaaactc	
tgtgtcctca	
aaggggagtc	
tttaaaccac	
agatttamca	
aataacaatgc	180
aatatgaaag	
agactgtccc	
cagagacctt	
ggtcctcact	
cctgtcctgc	
agagtctagg	240
cctgtcact	
tttgcctgctg	
ggagttgtcc	
tggatcagga	
agtgaatagt	
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atcagaagtg	
ggcagagagg	
cctcatatct	
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kccaacmgtg	164
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gggatccagt	
ctcaatatcc	
tacttgtggc	
tagccagtta	
tcccakbacg	180
atattattgaa	
tagggagtcc	
tttccccagt	
gcttgttgtt	
ttcaactttt	
tcaaagatta	240
gttggtggta	
ggtgtgcacc	
tttgtttctg	
ggttttctga	
cttgttctat	
tgggtctatgc	300
atcagttttt	
gtaccagtac	
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tatagtttga	325
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<210> 36212
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<213> Homo sapiens

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acctagagga	ggagatccaa	aaggatgatt	ctgaggtttc	tactgcaggc	acccaggtga	180
tggtgaatct	gttaaccgag	acaggggagc	aaattcgaag	tgctgtcag	gactttcaca	240
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<210> 36213

<211> 292

<212> DNA

<213> Homo sapiens

<400> 36213

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gaaactctgt	ctctacaaaa	gacacaaata	ttagacaggt	atgatgggtg	ctagtcccag	180
ctactcggga	ggctgaggcg	ggagaatggc	gtgagccggg	aggtggagct	tgcaagtgagc	240
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<210> 36214

<211> 163

<212> DNA

<213> Homo sapiens

<400> 36214

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ctgcagtgat	gtggaactaa	gcccacaata	tccctgcagt	atggctgtta	cagtataaga	120
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<210> 36215

<211> 220

<212> DNA

<213> Homo sapiens

<400> 36215

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tgggacatad	agttttcatg	gtagacagtt	catgcagtat	atgvattgac	ataatggama	180
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<210> 36216

<211> 71

<212> DNA

<213> Homo sapiens

<400> 36216

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<210> 36217

<211> 82

<212> DNA

<213> Homo sapiens

<400> 36217

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<210> 36218

<211> 146

<212> DNA

<213> Homo sapiens

<400> 36218

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tagaacttat cccttctatt taactgcatg tttgtgccca ttagccarcc tctctttatc	120
ccccttccca cccacacra cctcct	146

<210> 36219

<211> 135

<212> DNA

<213> Homo sapiens

<400> 36219

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gaaaacggwg ggggt	135

<210> 36220

<211> 385

<212> DNA

<213> Homo sapiens

<400> 36220

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actgttccag atacacangc ctttaactgg tgcattgtct gtgatatgta ggacctgttg	180
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ttttttttcc ccaaaaaatca gaggamantt tgwattwatt ttgatttgaa atactgrgca	300
agctagtwat ttwaaatctn ntttccccgt wagagcattt tggagaacct gkggtcaaat	360
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<210> 36221

<211> 92

<212> DNA

<213> Homo sapiens

<400> 36221

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<210> 36222

<211> 476

<212> DNA

<213> Homo sapiens

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tttttcccct actttattga gatataattg acaaaatcat ataaatgtat atgtaacatg 180
atgatttgat aggcaaatat attktgaagt aattabwgca gccaaagtgc ttaacacttc 240
catcaccttt taatagacat ttttagtatt taagtcgcta gttttcaact gggatgaatt 300
tacccccagg gaacatttgg caatgcctgg agctggagac attttaggtt gtcacagctg 360
ggaagggggg gctactgaca tctagtgggt agaggccagg agtgctgcta aatatcctgc 420
agtgcamaag gacaagcctg ccacaacaga raattttctg gtgcagtatg tcacta 476

<210> 36223
<211> 174
<212> DNA
<213> Homo sapiens

<400> 36223
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cactgatacc acagaaatac aaaagattat tcaagactac tatgaacatc ttcacatcca 120
taaactagaa aacctacagg agatcgataa attcctggaa atatacaacc ctct 174

<210> 36224
<211> 220
<212> DNA
<213> Homo sapiens

<400> 36224
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ttgctttttc aacttatatt ttagattgag ggtacatatg caggtttggt acatgggtata 120
ctgcatgatg ctgaggtttg cggtatgatt gaacctgtca cccaggtagt gagcatagca 180
cacaacaggt agcttttcaa ctcttgcccc cctctctccc 220

<210> 36225
<211> 149
<212> DNA
<213> Homo sapiens

<400> 36225
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tcatacagtt ggatttgggg gccattccc ctcaggctca cctgttactc ggctctccag 120
aaagatggat aggagaaatg actacggca 149

<210> 36226
<211> 78
<212> DNA
<213> Homo sapiens

<400> 36226
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aggggcacaa ggaggaca 78

<210> 36227
<211> 141
<212> DNA
<213> Homo sapiens

<400> 36227
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agaatcacag actctcagct tagagagtca cagtatctca attatttgct ctgttcaata 120
cttaacaata cccctcact c 141

<210> 36228
<211> 98
<212> DNA
<213> Homo sapiens

<400> 36228
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ctgtcagaca gargccagtc ctatagctcc aatatgtt 98

<210> 36229
<211> 172
<212> DNA
<213> Homo sapiens

<400> 36229
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aattacctgg gcatggtggc aggcgcctgt gatccagct actcgggagg ctgaggcahg 120
grgaattgct tgaacccggg aagcggaggt tgcagagagc cgagattgcg cs 172

<210> 36230
<211> 142
<212> DNA
<213> Homo sapiens

<400> 36230
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ctgtttaaag tatacatatt aattttggca aatgtaacca ccaccacatc aagatacaga 120
aaacttcac cccccccaa ta 142

<210> 36231
<211> 70
<212> DNA
<213> Homo sapiens

<400> 36231
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gaaaattata 70

<210> 36232
<211> 206
<212> DNA
<213> Homo sapiens

<400> 36232
caagaaatta aaaaggtttt aggagctgtg tgccaaaaac taggggtaga gmmctatata 60
tatctcttat tatttctcac acatgctcat atacaagcat gtatattatt aabwtgaagg 120
araaataaga tgatarccca catacagtgt tagtcattca ctctkacaca ccgttgagg 180
aacaggtata acatttactc tcacac 206

aacctgggtct aagtaacttt ggaaactttt gactggatac tgtaagggtta gagaccaacg 120
aaattgtagc aaatcactgt gctctagatg gtaaattcat ccctcacata cacaacaca 180
aaggt 185

<210> 36238
<211> 151
<212> DNA
<213> Homo sapiens

<400> 36238
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gggtaaattt gggtgctggg tttttaagtt gcactcaca taaatcgtgc aaagcattgt 120
catgccttat ttactccatt tttwamcccc t 151

<210> 36239
<211> 109
<212> DNA
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<400> 36239
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tcagggtgtgg gcgttcacct ggwtgtggw tttagacttt caaaggggc 109

<210> 36240
<211> 93
<212> DNA
<213> Homo sapiens

<400> 36240
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gtagggtttt tctttttttt tgtgggggag ggg 93

<210> 36241
<211> 162
<212> DNA
<213> Homo sapiens

<400> 36241
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catgacagtt cccacacagt atgccccagt tatggcttct gcattctcaa aaatccagca 120
gtcttgggaa aacctttcta tatgagtcac atacacaggc ta 162

<210> 36242
<211> 143
<212> DNA
<213> Homo sapiens

<400> 36242
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tttttttgag tcagagtctc acactgttgc ccggtctgga gtgcaatggc gtgacctcgg 120
ctcactgcaa cctccacctc cga 143

<210> 36243
<211> 78

<212> DNA
<213> Homo sapiens

<400> 36243
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wttcaacggg gttccgga 78

<210> 36244
<211> 276
<212> DNA
<213> Homo sapiens

<400> 36244
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gatggtgtca tcaacattca gagaaggatt atgtttgttc ctgctagcgc ctgtgggtat 120
aaccagtcca ggatcacgct aactcaattt tagagaatga gatgatttga tgcctattgc 180
tgtagggttg aagtccttca gagttctacc tcaatgtaat aaggctcctg aggtactcaa 240
ccttggtgga ctttagactg tatttcttat ccgcaa 276

<210> 36245
<211> 182
<212> DNA
<213> Homo sapiens

<400> 36245
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ttcaggattt ttctaaatta tcttgtgacc tgggacacac tgtcaagttt tagaagagat 120
taagagaact aaatacatat gccaaagtcac gatttaaggc aaaacagata aaatgtgtaa 180
aa 182

<210> 36246
<211> 287
<212> DNA
<213> Homo sapiens

<400> 36246
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ttcttggatt ccctttcttt ccttttattt taaaaagaa cagtaccctt cttttaagat 120
gctgtcttac attaatgagc atctaattga aagaaggat gagttgcact gaggattaga 180
atagtgggtc gttagtggca ttatctataa atacactcac cttaaattgaa agctaagaag 240
gaaatgtaaa tataatatat atttatattt gatgtaatat ggacawa 287

<210> 36247
<211> 109
<212> DNA
<213> Homo sapiens

<400> 36247
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ccgtctggtg gccgccccgg gctgactttg mcttagcgat gcctttcct 109

<210> 36248
<211> 297
<212> DNA

<213> Homo sapiens

<400> 36248

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ccagacccgg	aaggacggct	cgctcccgcc	tcacgtgcac	tacaagatcc	gccagaactc	120
cagcttcacc	gagaaaacca	acgagatccg	ccgcgcctac	tggcggcctg	ggcccaatac	180
tggcggccgc	ttctacttcc	tctacggctt	cgtctggatc	caggacatga	tggagcgcgc	240
catcatcgac	acttttgtgg	ggcacgacgt	ggtggagcca	ggcagctacg	tgcatgat	297

<210> 36249

<211> 262

<212> DNA

<213> Homo sapiens

<400> 36249

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ttgagttttc	tgaagtatgt	aaccctgatg	tattcattcc	ttcatttggt	taaataaact	120
ttggcamcat	tactagaaaa	attgtattat	tgagatggaa	actbacaaat	tacttatttg	180
cagtctgagt	ttggttttaga	tatcagtaga	attaacttca	gaactcctat	tccatgttct	240
caacttggtc	actttttttt	tt				262

<210> 36250

<211> 225

<212> DNA

<213> Homo sapiens

<400> 36250

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tttaagctag	gaagaagtca	agaataagaa	gattgcaagc	aaagggaag	cttacaaaat	120
ggctgaatcc	ttaaagtgtg	gkcctggct	tctccttggg	aggaagcatt	agacatgggt	180
tccctctagg	gagctgggag	cttttgggtg	agttcaggag	agatt		225

<210> 36251

<211> 150

<212> DNA

<213> Homo sapiens

<400> 36251

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gaggacgtgg	tagtggactt	cagccaggag	gagtgggggc	agctgaagcc	tgcccagrrg	120
gaccctgtac	cgtgatgtaa	tgctggacac				150

<210> 36252

<211> 168

<212> DNA

<213> Homo sapiens

<400> 36252

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aggggctggg	tggcggttga	gacagcggcg	gtactgggag	gcgtaggtga	gggtcgcgag	120
gckgcccag	cttctgagcg	agcgcggtgc	ttttgggaak	gcgggacg		168

<210> 36253

<211> 146

<212> DNA
<213> Homo sapiens

<400> 36253
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aagagaaaaa gctagagtag cagatatgca cactaaaagg caaaaatctg gttttacaag 120
ttttataaat aaaaaagggtg gctagc 146

<210> 36254
<211> 120
<212> DNA
<213> Homo sapiens

<400> 36254
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tagcccaacm gctgtttctgt tctatctacc cctcatttca cgctcaagga gtcataccta 120

<210> 36255
<211> 56
<212> DNA
<213> Homo sapiens

<400> 36255
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<210> 36256
<211> 66
<212> DNA
<213> Homo sapiens

<400> 36256
cttcttcgtc agcctccctt ccaccgccat attggggccac taaaaaaagg ggggctcgtc 60
ttttcg 66

<210> 36257
<211> 146
<212> DNA
<213> Homo sapiens

<400> 36257
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tcgccggcgg gttcgcgcc tttcgcgcc tcggggctgc gaggctgggg aaggggttgg 120
aggggggctg gttgatgcc gcgaga 146

<210> 36258
<211> 445
<212> DNA
<213> Homo sapiens

<400> 36258
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gggagtgggc atcgtaagac tgttttcaga accaggatcc ccacgttcgg gaagagctga 120
tttatctcw gttattcaca gtcattctt tgactggctc tcttttggga tgattttcag 180
taagagggtg cttactgaa cadgtgatct cctgcttct agaaacaaca gtaaagaaaa 240

gggaggggta gaagttcatg gaaagattca ttgttcttgc cagtaaacc c tgttatcttt 300
ctttttaagc aaagctttgg aattgggttat ataatgact ttaaaaatac atatgggtgt 360
ctgtaactat gtwatgtaaa tatggrctgt atgatatatt attgtgskkg tgtattgsat 420
aacatataaa ggcctccaac tttaa 445

<210> 36259
<211> 322
<212> DNA
<213> Homo sapiens

<400> 36259
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cactttgaga ggccgaggcg ggtggatcac ttgaggtcac gagtttgaga ccagccctgg 120
ccaacatgat gaaaccccg tctttactaa waatacaaaa aattagctgg gcgrggtgga 180
ggggcgctg taaccccagc ttctcaggag gctgaagcag gaaaattgct tgaacctagg 240
aggtggagg tgcagtgagc cgagatcgtg ccattgcact ccagcctggg caacaagagt 300
gaaactccgt ctcaaaaaaa aa 322

<210> 36260
<211> 78
<212> DNA
<213> Homo sapiens

<400> 36260
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aatttggcag ctttaa 78

<210> 36261
<211> 424
<212> DNA
<213> Homo sapiens

<400> 36261
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aggcggaaaa aaggaagacg ctctctgaag ttggggatgc tggactagt ttcatactag 120
atccctcgt ggcagcatta aggaacttca cattcttctc acactattca tggaaagtgc 180
ctggaactcc cacagcagca agaaaayttc gctttagtaga gtccttagca catctgtaaa 240
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aagacgctct acaggactca acctggggat gnbgtctgtc tactccatcc atatggtcac 360
tttatactga ggttgrnntt tgaactcagc tctgcaccaa gcggaccta tagacatcta 420
caga 424

<210> 36262
<211> 432
<212> DNA
<213> Homo sapiens

<400> 36262
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gggcaacttg agagtgaaaa tagaaccaaa atataaaggg cacacagcca gatgcaacag 180
aataattgtg acctcctggc tttttgaaat agagagttct agatggtcag acaatgactt 240
tgtgaagagg ctggaaggct ttggcctcca cttttggaaa taaacaattg ttgggaaaca 300
gtgaagcatc cagccctcct gctgtgctgc ctcagggccc tttgtggctg tgtgtgcttg 360

tctggcctgt gcttggttga raggtgccat gctcacgtct gccctaattg ataacaaagc 420
gcaacataac ga 432

<210> 36263
<211> 216
<212> DNA
<213> Homo sapiens

<400> 36263
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tggaaatgga attgacaagg tgttgtgttg gagcgctcca tcttcagtga ctttgtgttc 120
ctggaggcga tgtacaacca gggattcatc cgaaagcagt gtgtggacca ctacaacgag 180
gtgaagagcg tcaccatctg cgattacctg ccccc 216

<210> 36264
<211> 214
<212> DNA
<213> Homo sapiens

<400> 36264
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tgggacctg cttgctgggg agagtctgct cttcccaggg ttagctaaat cttagagata 120
gaaaacactt gcccaggagt ccattcttca aatgcaaate aaccaatcca ggccccatac 180
cttcaaccac ctctctact gggccaagcc acgt 214

<210> 36265
<211> 139
<212> DNA
<213> Homo sapiens

<400> 36265
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attcactttt taaaaaactg attaaaaaaa aatacgttac gatgggaggt tttcnvatct 120
tccaatrwat cccctccaw 139

<210> 36266
<211> 96
<212> DNA
<213> Homo sapiens

<400> 36266
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mtatgatcta gtcagaaaa gttttacaat ctgggt 96

<210> 36267
<211> 111
<212> DNA
<213> Homo sapiens

<400> 36267
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<210> 36268

<211> 111
<212> DNA
<213> Homo sapiens

<400> 36268
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<211> 425
<212> DNA
<213> Homo sapiens

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tcattccagg tatgagacag agttgaacct gcgcatgagt gtggaagccg acatcaatgg 180
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gagcctgaag gaggagctgg cctacctgaa gaagaaccac gaggaggaga tgaatgccct 300
gagaggccag gtgggtggag atgtcaatgt ggagatwnng cgctgcacct ggcgtgggac 360
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cgctc 425

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<211> 280
<212> DNA
<213> Homo sapiens

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aagcgatcca ccagtcawgg cctcccaaag tgctgggatt gcatgcgtga gyyaccatgc 180
ccagcctatt ttccacttt ttactcaac aggcctttct tgaatgcctg ctatatgccg 240
gacccagtgc ctagcamaca cttagtcaca tgcaggggagc 280

<210> 36271
<211> 118
<212> DNA
<213> Homo sapiens

<400> 36271
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<210> 36272
<211> 227
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<213> Homo sapiens

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atdggagaat ttcagcrdga gtaatgtcac ttttttctaw taaaacaggc ctactgtct 180
gtaagccagg cctgatcacc tgcctggagc arcgaaaaga gccctca 227

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<211> 192
<212> DNA
<213> Homo sapiens

<400> 36273
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tctcaggata caaatcaat gtgcaaaaat cacaagcatt tttatacacc aataacagac 180
aaacagagaa cc 192

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<212> DNA
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cagtagccat gggggagggt ggtgacaaa ataggacccc gggaggggag caggtacatg 180
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<210> 36275
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<212> DNA
<213> Homo sapiens

<400> 36275
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<211> 75
<212> DNA
<213> Homo sapiens

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<211> 91
<212> DNA
<213> Homo sapiens

<400> 36277
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cctcgattac gggcggcctc magccccgcc a 91

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<211> 105
<212> DNA
<213> Homo sapiens

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aggcagagag gagtggaggg cggagtagac ggaggaggct gctgc 105

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<211> 73
<212> DNA
<213> Homo sapiens

<400> 36279
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gcatgaacgc ccc 73

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<211> 250
<212> DNA
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accctacac 250

<210> 36281
<211> 83
<212> DNA
<213> Homo sapiens

<400> 36281
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acgtgggaat ttcttcgtgt atc 83

<210> 36282
<211> 161
<212> DNA
<213> Homo sapiens

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aacataaac atgccaggaa aaacaaaaga aaacagcagc g 161

<210> 36283
<211> 302
<212> DNA
<213> Homo sapiens

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<210> 36284
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 <212> DNA
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atggaatata	gcaaaaagtat	tgtgaataga	gaagtttata	gcaataaatg	cctacatcag	240
aaaagaaa	tttcaaataa	attatgtaaa	aatggacttc	aaggaaaaag	aaaagcaaga	300
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<210> 36285
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<210> 36286
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 <212> DNA
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 <212> DNA
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ttgaagggaac	aaaagggaac	tcaatratgg	dtgaagcctt	caatacctac	tttcattadt	180
gactgaagat	caataaggaa	atagtggcag	cactatcagc	caactagacc	caacagacat	240
ctatagaaca	ctccaccac					260

<210> 36288
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 36288

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gc 122

<210> 36289
<211> 421
<212> DNA
<213> Homo sapiens

<400> 36289
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aaagtcacaa ggatgacgtt ggtttgctct aaaaacgtca tcgcttttagc ttttatactt 120
aggcctgtaa tgcattctga akgaacttct gtgtatatcg tagtttggtg ttcacttggt 180
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<210> 36290
<211> 98
<212> DNA
<213> Homo sapiens

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tgtgaggtct tgattattca gaaagcccwc tggactga 98

<210> 36291
<211> 93
<212> DNA
<213> Homo sapiens

<400> 36291
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gaaatataag agatttttgt cacctctgaa att 93

<210> 36292
<211> 102
<212> DNA
<213> Homo sapiens

<400> 36292
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aataagcatc tttatgttca tatckdtgtg tatagatgtg ta 102

<210> 36293
<211> 134
<212> DNA
<213> Homo sapiens

<400> 36293
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twatttaatt tctgtgatca tgaatgrtac cgagggggtg atgatatctg cgtggtaggt 120

tatttatgaa ggggt 134

<210> 36294

<211> 292

<212> DNA

<213> Homo sapiens

<400> 36294

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accavgaggc agcatagcaa gactccatct	ctasaaaaaa tttaaaaatt agccaggcgt	180
tatgbaatgt gcctgtgggc ccagctacct	gggaggctga dktgggagga ctgcttaaac	240
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<210> 36295

<211> 109

<212> DNA

<213> Homo sapiens

<400> 36295

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<210> 36296

<211> 199

<212> DNA

<213> Homo sapiens

<400> 36296

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ccacctcggc ctccrratt gctgggatta	caggcatgag tcaactgsacc cagcgcatga	180
gtaactgcat ccagccmwa		199

<210> 36297

<211> 208

<212> DNA

<213> Homo sapiens

<400> 36297

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tttgcaattg atctgaaatg ttttaagagct	gtataaaaatt tttactccat ttgtgggcct	180
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<210> 36298

<211> 359

<212> DNA

<213> Homo sapiens

<400> 36298

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tatttccatc atgtattact ggttgccagt	gaaggamtta agaggatatgg magtgatcca	180

gtcttcaggt tttatcatgc ctatggcaca ttaacbgaag gtaaaactca agaagctctt 240
cgagaatttg aggctattaa aamwhaacia gatgtatcac tttgttctct acttgactg 300
rtatatgccc aataaaatga mgtccwaatc cagatagaga agctattctg gaatcagat 359

<210> 36299
<211> 284
<212> DNA
<213> Homo sapiens

<400> 36299
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gggamawagc caawccatat cattctaccc ctggccccctc caaatctcak gtcctcacta 180
ttcaaaaacca atcatgcctt cctaacagtc ccccaaagtc ttaactcttt tcagmattaa 240
cccaaaaatc cacagtccaa agtctcatct gagacaaggc aagt 284

<210> 36300
<211> 220
<212> DNA
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ccaacaagga tgccagcttt ctccctgaaa aagtatccac tatgccgaca gtcctttctt 120
ggcttttttg tgtggtctta ccacttaagc atgaatccct aaacgctata cttacttttg 180
tctgtgtttg aacttcatat tgtgaaaaaa tagagtggcg 220

<210> 36301
<211> 149
<212> DNA
<213> Homo sapiens

<400> 36301
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acgtacaggg ataagatccg gaacgcgttc ctgcagaacg cctcagccgt ggtcatcttc 120
aacgtgggct ccaacaccaa brdgagcca 149

<210> 36302
<211> 120
<212> DNA
<213> Homo sapiens

<400> 36302
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catgttggtc aggctggtct cgaactcctg acctcatgat ccgcctgcct cagcctccca 120

<210> 36303
<211> 116
<212> DNA
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<400> 36303
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<211> 149
<212> DNA
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ggctaatttt tatatTTTTg gtagagatgg ggTtCaccat gttggctagg ttagtctcga 120
actcctgatc tcagatgatc cgcccgcaa 149

<210> 36305
<211> 150
<212> DNA
<213> Homo sapiens

<400> 36305
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tgTTaagtat atttacatta tattgcaatg ggtgtctaga tttatTTTTat cttgtaaaat 120
acaataccca ataaaaaata aactgccccat 150

<210> 36306
<211> 261
<212> DNA
<213> Homo sapiens

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ctcaggcagc cacaaagtta aaacacttgc ctgtaattgt ctccaaaaat aacatcacct 120
gacagaaatc btctgaagtg agtgagctcc aaggcagcct cttaatgagt ttttcaagag 180
aaccaccaga caaataagaa awgataatat tggctgggtg cagtggctca tgCctgtggt 240
cccagcactt tgggaggccg c 261

<210> 36307
<211> 423
<212> DNA
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gta 423

<210> 36308
<211> 75
<212> DNA
<213> Homo sapiens

<400> 36308

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aggaaaaaaa aaaaa 75

<210> 36309
<211> 104
<212> DNA
<213> Homo sapiens

<400> 36309
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<210> 36310
<211> 148
<212> DNA
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<400> 36310
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aagaacbcac agcattagcc tgtccctt 148

<210> 36311
<211> 123
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<213> Homo sapiens

<400> 36311
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gcagaggcac gattccttag gaattaggcc aacagagaat gggctatctc tcttcccacc 120
cct 123

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<211> 81
<212> DNA
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<400> 36312
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tggtcagag taaacgkca c 81

<210> 36313
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<212> DNA
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ttctctctct taatattaaa cccdsatcc cagccccctg caccctggc agggagadrc 120
magawcagcc cttacrrgac acggaagayg cacgacccaa cgawccct 168

<210> 36314
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<212> DNA

<213> Homo sapiens

<400> 36314

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tctagggat	atgatatggc	ctctgggtcc	tgggatacaa	acctgtgcag	cttgttattg	180
tactgaatac	tgtaggcaat	tttagcgcgg	tggcgtttgt	gtatctaaac	atatctaaac	240
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<210> 36315

<211> 227

<212> DNA

<213> Homo sapiens

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ttttcaggaa	gttgagata	aagtttatga	tgtcatttga	aacttttttg	atgatgtgag	180
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<210> 36316

<211> 200

<212> DNA

<213> Homo sapiens

<400> 36316

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tgtgatkgc	trcagttaat	gtttgtaagt	ggaagcctta	aaagttgatg	tgcaatttgc	180
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<210> 36317

<211> 326

<212> DNA

<213> Homo sapiens

<400> 36317

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tatatgaagc	agatgttcag	gtcttgagct	gtggctgggtg	gtggaggctc	attttgtctg	180
tgagtgaatg	ccattgccaa	agcagtgact	tgaatagaat	aaacggggat	tgaagaaacc	240
cttggggaac	ctctgtattc	trgctctttg	gaggaaaaaa	dagcagccat	gaccatagca	300
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<211> 245

<212> DNA

<213> Homo sapiens

<400> 36318

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tgtgggagcg	gcaggagcca	cagagccggt	tgctgagaag	ggctgcggtc	ggaggaggca	180
gccgagacag	aggcagacag	tgtgagagct	gcagcagctg	ctgctgaata	aatcatatt	240

ttacc 245

<210> 36319
<211> 245
<212> DNA
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wggagmagtg ggatcacttt cacaatcaac aggaggacac tgatagctgc tccgaatctg 180
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ccctt 245

<210> 36320
<211> 87
<212> DNA
<213> Homo sapiens

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ccctgaggaa tcgccacact gacttcc 87

<210> 36321
<211> 283
<212> DNA
<213> Homo sapiens

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ccagactctg ctgcatgtgg gctctgacct agtgaagtgc caggatgggtg ccctgggggc 240
gggctgtcag gccctccacg tgggttatgt camctmacc ttt 283

<210> 36322
<211> 142
<212> DNA
<213> Homo sapiens

<400> 36322
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ttggctdcat atcacggccc cc 142

<210> 36323
<211> 179
<212> DNA
<213> Homo sapiens

<400> 36323
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gcacagtcac ggctccctgc ggctcgacc tcctcaagcg atcctccac ttscagcctc 120
ccgggtggct gggactacag gcacgtgcca tcacacctgg tctcactatg ttgcccatc 179

<210> 36324
<211> 218
<212> DNA
<213> Homo sapiens

<400> 36324
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aagataaatc ttttgattta tctttatctt tagatctcta ccccaacttt agccacttct 120
gaaatttact actagaaaaa ccttttcttw cgwgaagaac tgtctcacia aaatagcagt 180
taaataaggaa gctatcctaa cccactgttt gccttttc 218

<210> 36325
<211> 331
<212> DNA
<213> Homo sapiens

<400> 36325
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gtggatcacc tgaggtcagg agttcaagac cagtctgggc agcatggtgr aamgcctgtc 120
ctctgctaaa aaatacaaaa attagctnrg cgggggtggcg tgtgcctgtg gtcccagctg 180
ctcgggagggc tggggcagga gaatcgcttg agcctgggag gcggagggtg cagtgcctgtg 240
agattgtgcc attacactcc agcctgggtg atagagcaag actccatctc aaaaacaaac 300
aaacagaaaa cactcatttt tccaccagtg c 331

<210> 36326
<211> 98
<212> DNA
<213> Homo sapiens

<400> 36326
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agagagaggg ctaaaactta agaaaaaaaa aaggagga 98

<210> 36327
<211> 344
<212> DNA
<213> Homo sapiens

<400> 36327
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ggactcgaac tttcctgggc tcaagcgacc ctctgcctc agcccccaa gtagctggga 180
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ttgacaaaca tggctaaaaa cawwacatca aatcctgccc ccga 344

<210> 36328
<211> 325
<212> DNA
<213> Homo sapiens

<400> 36328
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atattattgaa	tagggagtc	tttccccagt	gcttgttgtt	ttcaactttt	tcaaagatta	180
gttggtggta	ggtgtgcacc	tttgtttctg	ggttttctga	cttgttctat	tgggtctatgc	240
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 <212> DNA
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tgttgtgggc	120
ttaaaactag	
tttatttttag	
ggggtcatta	
aaaatgtctg	
aaaaatacat	
tttcaaattc	180
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cttttcatgg	
caaagaggaa	
atattgtgta	
cagttatgct	
aatgtttata	240
aaaaaatttc	
tgtacttaaa	
acgtttgtag	
atgtacaact	
atccttaagt	
gaagagcata	300
gtaatagtgc	
acaaagttct	
caaaacacaa	
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aacatgttac	
gaatattcca	317
ggggcac	

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 <211> 85
 <212> DNA
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<400> 36330	
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gagaagggaa	
atcggmaaga	
gaaaagggag	85
gaaacggcag	
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 <212> DNA
 <213> Homo sapiens

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agcaatttag	120
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aagcaaattt	
tgtattattg	
ttctcactta	
ttattaataa	
tgaagtagaa	180
gttacttaat	
tgccagcaaa	
taaatacgtg	
tcaaaaaaga	
atctgtattc	
agaccctggg	229
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agcccacct	

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 <212> DNA
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ttcaatttta	
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caggatattc	
tttcaacagg	
caaataaaaa	
accgcagttt	
aaactctaag	180
tttcaatcag	
aaactaacag	
ctcttgatt	
tcccagggt	
cacactcctc	
tgaacaact	240
cacgaagagc	
ctgaggaagc	
agttctcact	
ggaaaatgca	
agaaagtatg	
ttccggtgaa	300
gaccctcagc	
tctgttcatt	
ttcatgatgc	
aatgcccac	
aaagggtggt	
ttgacctgac	360
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cagtctcctc	
accagcataa	
gcacgtggca	
tcmgatgcgg	377
aarmagc	

<210> 36333

<211> 262
<212> DNA
<213> Homo sapiens

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gcttttaata aggccacatg aagagagaag ctggcatcat cccacgcaa amhccagtgc 120
ctggcagagt tgtggaaggt gctatcacat tggcttggca tttgtgtagc tttgattgaa 180
aatcaatggg tttcttatga taattttcac atcatatatt ttttcttctt tagaaaaata 240
taaaatttct gaatgggtca gc 262

<210> 36334
<211> 89
<212> DNA
<213> Homo sapiens

<400> 36334
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ctggccctgg tgggcgttct aatcagcct 89

<210> 36335
<211> 244
<212> DNA
<213> Homo sapiens

<400> 36335
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tttacctgga gagagtgcct agccttcaag aattattgat ccaagtggga aagttaaata 120
ctgaagctgt tagaggtcag tgggccaatc tttcatggga attactttat gccacaaacg 180
atgatgaaga acgttatagt atacaagctc atccactact ttttaagaaat cttacggtac 240
aagc 244

<210> 36336
<211> 255
<212> DNA
<213> Homo sapiens

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gttagtatat acactcttat gactgttaag tcttcttggg gaattgaacc ttttattatt 180
aaataatacc acttttctc cctggttaata gtccttctta aatctacttt gtctgatatt 240
aatactgtca caacc 255

<210> 36337
<211> 401
<212> DNA
<213> Homo sapiens

<400> 36337
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aaacatagtt tcacttagct gctaagttac agagccaggg tgtgaactca ggtctgactc 180
caaagcccat gctcttaact gttaaactaa gctctgctaa ataagtcagt tttgtgtcct 240

ttgtcagaac	tgtttttagca	aagtagagta	gtttttgccg	ccatccttat	gagnrrgctt	300
acgtggtgga	ttttgcttat	cagctggcac	tataaattgt	accagtcagc	tgttagctaa	360
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<210> 36338

<211> 234

<212> DNA

<213> Homo sapiens

<400> 36338

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gaatttcctt	accataagta	gtcttagctt	tataattcat	ccatttcctt	tttcctggka	120
ttttgtttta	agtgaattc	ttcagcaaaa	atccaacttg	cttaaggctg	aattatgaca	180
maagacagtk	gcttacatct	ggggctttta	ttcttgtttg	tccataaacc	caga	234

<210> 36339

<211> 269

<212> DNA

<213> Homo sapiens

<400> 36339

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tggtaaagat	aatatctcaa	aagggtccact	gtttcccaag	agtatctcta	tttaagacctg	180
agcttttctt	aaactgtatt	acttttcgrt	tgcacagttt	tttdacacag	gctttgattt	240
gttttccaaa	gaagtaatga	atggtggca				269

<210> 36340

<211> 430

<212> DNA

<213> Homo sapiens

<400> 36340

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gtgattcttt	gggaggggat	atttgaaatt	ccaacttcca	ttccccctag	caaaaggdwg	180
cagctgctgt	ttaagggttt	tatctgagcc	acttttaaaga	tgaatccatg	gtattactct	240
ggatactagc	cattccttag	gattttaagg	tcacatttta	ttcctggatg	ctttatgtcc	300
ccacctccac	ctgagccctc	atcctctgtt	ccctactata	ctcccaactt	ctactctttg	360
ttttatccac	ctatccctat	tacctgaccc	tttgtcttcc	ctgtctccca	tccttggggg	420
gasatgtagt						430

<210> 36341

<211> 169

<212> DNA

<213> Homo sapiens

<400> 36341

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gattgcttga	gcccaggagt	tcgagacctg	cctgggcaat	atagcgagac	cccgttctcc	120
agaaaaagga	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa		169

<210> 36342

<211> 260

<212> DNA
<213> Homo sapiens

<400> 36342
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aggatattag taatcagtag tgatttcctt tktggttcaa agatgatagt gtcacagtga 180
aaaatgttww taaaattttk gtatamttaa tttttctggt aacgaaagta ttttcagktg 240
gatttttgtt tgccctctca 260

<210> 36343
<211> 156
<212> DNA
<213> Homo sapiens

<400> 36343
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atattgaaac atcagtagtg accccatgaa tatgtacaat tataatgtcaa cttaaacaca 120
tttaaaagta aaaaaaaaaa awtccaaaac acgcaa 156

<210> 36344
<211> 79
<212> DNA
<213> Homo sapiens

<400> 36344
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tgtgcagggt tgctacata 79

<210> 36345
<211> 299
<212> DNA
<213> Homo sapiens

<400> 36345
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ttcaattcca catatgaaga gtagtggtct tctgatcctc catttttttg gttttgtttt 180
tgtagaatac agagagcaga tttctctaag gttttccagg gdacattaag tccaagtga 240
tattaatagg cttggtgggg aagggtgttag tgtgcatttg ctgttcttca gccaaagtaa 299

<210> 36346
<211> 198
<212> DNA
<213> Homo sapiens

<400> 36346
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gcagtggcac gatctcggt cactgcaacc tctgcctcct gggttcaagt gattctcctg 120
ccttagcctc ctgagtagct gggattacag gcatgcatca ccacacctgg ccaatttttg 180
tatttttagt agagacgg 198

<210> 36347
<211> 457

<212> DNA

<213> Homo sapiens

<400> 36347

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gcaccagaag	tcctagctag	ggcaatcaga	gaagagaara	aaataaggaa	catccaaatt	180
agaaaggagg	acatcaaatt	atcattgatt	gcagatgata	tgatctaata	tttggaaaaa	240
cctaaagatt	ccactaaaaa	cctattagaa	ctgataaaca	aactcataaa	gttgaggaca	300
caaaaccgac	atacaaaaat	cagtagcatt	ctatatgcca	gcagcagaca	atctgawann	360
gadgtcaaga	aagtaatcct	ggccagggtat	ggtgggtcat	gcctgtaatc	tcagcacttt	420
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<210> 36348

<211> 308

<212> DNA

<213> Homo sapiens

<400> 36348

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gggggtgggca	gagccagtc	tgggagaccc	ctctgtgcgt	gtgtctgtgt	gtgcgcgcgc	180
gctgggagct	gcctcacacc	tgataaaaaa	gccagtggag	gagtgagcgc	tgctatttta	240
agtygctgaa	tggaacctct	gggaatgata	vagggaagcn	ncaaagatta	ggcagagaag	300
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<210> 36349

<211> 114

<212> DNA

<213> Homo sapiens

<400> 36349

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<210> 36350

<211> 203

<212> DNA

<213> Homo sapiens

<400> 36350

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tgggccttat	caatagagat	ggcctgatgt	ctcagctgtg	tcattctcagc	tgctagtctt	120
ggcttctgct	gggagtccac	agtggcctct	gcatgcatgg	tgtgggaaag	gcaaataaaa	180
aagcagatta	aaaaccagat	gac				203

<210> 36351

<211> 414

<212> DNA

<213> Homo sapiens

<400> 36351

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gctgagaatg	atggtttcca	gcttcatcca	tgtccctaca	aaggacatga	actcatcatt	120

ttttatggct	gcatagtatt	ccatgggtgta	tatgtgccac	atTTtcttaa	tccagtctat	180
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atacgtgtgc	atgtgtcttt	atagcagcat	gatttataat	cctttgggta	tatacccagt	300
aatgggatgg	ctgggtcaaa	tggatattct	agttctagat	ccctgaggaa	tggccacact	360
gacttccaca	atdnttgaac	tagtttacag	tcccaccaac	agtgtaaaag	tggt	414

<210> 36352
 <211> 279
 <212> DNA
 <213> Homo sapiens

<400> 36352						
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aagcgcctgc	tccgagcgca	cgcatcctga	gatcctgagc	ctttgggtta	gaccgagctc	180
tattaagctg	aaaagataaa	aactctccag	atgtcttcca	gtaatgtcga	agtttttatc	240
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<210> 36353
 <211> 99
 <212> DNA
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<210> 36354
 <211> 413
 <212> DNA
 <213> Homo sapiens

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ctctacaaaa	aatttaraaa	ttavctgggt	atgggtggctt	atgcttgtaa	ttccagctac	180
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avarttagat	aataatagta	tcagaaccct	tgtgctaagg	gttatggaat	ggggctctagt	360
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<210> 36355
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 36355						
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aatttccttc	atcacttgta	attcccatag	tgttagtggg	tccctttttt	tttcttgtga	180
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tcaatttatg	aagcttattt	tgccgagggt	aaggatgcat	ccatgacaca	gcctcaggag	300
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<210> 36356
<211> 177
<212> DNA
<213> Homo sapiens

<400> 36356
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gcagatgccg cgcaattctg gagctggata cggctrecca camggggacc ccagcatgct 120
ggacagcaga ragacccac aggagarccg gcaggacatg attgtgatga ccacccc 177

<210> 36357
<211> 80
<212> DNA
<213> Homo sapiens

<400> 36357
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gcctccccgg aggccagtgc 80

<210> 36358
<211> 99
<212> DNA
<213> Homo sapiens

<400> 36358
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ccakagmaac agatgcctag tagaatgtca ggdagtgat 99

<210> 36359
<211> 424
<212> DNA
<213> Homo sapiens

<400> 36359
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ggatcttttaa atatttgaa tcaaggaaat ggcccttacc tgggragggt aagtatatga 120
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gctttgggtg gttaccagag gttagrhatt agagtgttg gtaaacacac cacttgtgca 420
tttt 424

<210> 36360
<211> 340
<212> DNA
<213> Homo sapiens

<400> 36360
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agttcaagac cagcctggcc aagatgggtga aacctcgtct ctactaaaaa tacaaaaaaa 180
acagctgggc gtgggtggcam gcacccgtga tcccagctat tcaggaggct gaggcagaaa 240
atttcttgaa cccaggaggc agagggtgca gtgagccaag atcatgccac tgactccag 300

cctgggtgac agagcaagac tccgtctcaa aaaaaaaaaa 340

<210> 36361

<211> 272

<212> DNA

<213> Homo sapiens

<400> 36361

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ttaaccttat gtttatgcct cagatgatct catacaattg tctgagatgc catatgttga	180
aaatagctgt attgaggtgg ttacttttca tatgattctc ctttctctag gaatagctct	240
aatccaatwk aggtaatact gtacctggcc cc	272

<210> 36362

<211> 73

<212> DNA

<213> Homo sapiens

<400> 36362

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<210> 36363

<211> 203

<212> DNA

<213> Homo sapiens

<400> 36363

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acaatttctt aatggggaat aactgactat gaatttgctg catctaaaaat gaccccatca	180
attatacatg taaavataag ttt	203

<210> 36364

<211> 318

<212> DNA

<213> Homo sapiens

<400> 36364

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ttttaaaatc gtaataactta tcagatttca ctaatattha aacacatkag gactgkrtat	120
cavmttcacc gattgwtttg tcgacgtaat ggtttacatc tgtggtgcta atgataagca	180
gaaccttgcc agggacgttt gacgtggtgt ggccacttta cgttttcaag tctatgagaa	240
tgtctgcgcg gadwcagcat agctctgtag aaatgagtgg caagcgtatg taacctggca	300
ttttgaacct aggagctc	318

<210> 36365

<211> 134

<212> DNA

<213> Homo sapiens

<400> 36365

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aycwaatagg ggac 134

<210> 36366
<211> 160
<212> DNA
<213> Homo sapiens

<400> 36366
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gcactgctta caggtcttcc ttctgtcttca cctaccccgga 160

<210> 36367
<211> 220
<212> DNA
<213> Homo sapiens

<400> 36367
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<210> 36368
<211> 207
<212> DNA
<213> Homo sapiens

<400> 36368
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aacagaatta gaatatTTTT aaccaaaca aaggcacagt aatttcctaa gcagtttgct 180
gtcacgttta actccttttt ttttttt 207

<210> 36369
<211> 339
<212> DNA
<213> Homo sapiens

<400> 36369
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atctcaaagc aattttcaaa tatactcatt aagaaaatgc aagtatttat attttaata 180
aagtcatttt ccactatata ccctatcacc cttttattat tatagacgtt ttctaatttc 240
caggaaaacc tcgtccaccc cagtactga tatatactct agcttggtca acccatggcc 300
tgcaggccac atgcagccca ggacagcttt gaatgcagc 339

<210> 36370
<211> 439
<212> DNA
<213> Homo sapiens

<400> 36370

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tgtcaccaaa	atgaaaatgt	agtgtctgtc	aacctttaat	atttacttag	agtattttaca	180
taaggggagg	gaaatgaact	tttgtctgaa	acatacaaca	agcggcactt	tgattttata	240
aaataaatgt	caacaattgc	tagggcttat	caaactgggg	tagggagtgg	ggtggaagtg	300
cagttggatt	aaaggcccat	tcctgccact	tcagactaca	aagggttaca	cataataagt	360
gccgaatttg	cctaawwgca	aaagttttct	tggtgctttc	taagtcacaa	caggggaggg	420
ggaaagctgt	cgttttattw					439

<210> 36371

<211> 195

<212> DNA

<213> Homo sapiens

<400> 36371

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tccagctggg	cacgcgtgcc	tccccaggct	agggcagcgg	gtgctcacc	tgccctcttc	180
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<210> 36372

<211> 170

<212> DNA

<213> Homo sapiens

<400> 36372

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tcagcctgga	gggttggtgg	gaacttgtgg	ggcagaagtt	ctggggcgag	aagccactca	120
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<210> 36373

<211> 433

<212> DNA

<213> Homo sapiens

<400> 36373

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tatttccttt	aggcattgta	attgtgaaca	gctcttactt	gtgccagtga	cagatgcagt	180
ggtctccttt	ccccagttga	agcagtgcac	acgcagtacg	tattatttgt	gttatcttta	240
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ggttatctcc	ttctgatctt	caaaacaaga	gagagacctt	gaatacactg	actcttccac	360
cctttttttt	tctgggaaa	gagragcaag	aggtcccag	tcccctccta	gtctttcatc	420
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<210> 36374

<211> 308

<212> DNA

<213> Homo sapiens

<400> 36374

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gtttaaattt	agatccactg	agaatctgag	aaattcagta	atgaaaggg	aactttggag	180

tttcctcttt tggaagcttt ccttattaaa ttctattaat gactctgtta gacttgnntc 240
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 akcactca 308

<210> 36375
 <211> 227
 <212> DNA
 <213> Homo sapiens

<400> 36375
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 atttattttg agacggagtc tcactctgtc gcccgggctg gagcgagtg gcgcgantct 180
 cggctcacta caggctccac ctcccgggtt cgcgccattc tcctgga 227

<210> 36376
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 36376
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 ttgrtgawgg cacctcagat cgcccca 147

<210> 36377
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 36377
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 agaggcaacc gcggagtagg atgtctgcg gggcgcccag agccgggggc gcttgaagca 120
 gcttcgggga ctggggcaac cgggcagtc 149

<210> 36378
 <211> 83
 <212> DNA
 <213> Homo sapiens

<400> 36378
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 tttttttttt tycccaaaaa aaa 83

<210> 36379
 <211> 129
 <212> DNA
 <213> Homo sapiens

<400> 36379
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 tcccaggamt gcatwaattt ctccccacat aagragacct acaagtccac ttaatctgtg 120
 gaggtgagt 129

<210> 36380

<211> 308

<212> DNA

<213> Homo sapiens

<400> 36380

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cactaatttg tacactaatt tatttcttta gtctagaaat aggtaaattg tttgcaagtc	120
actaataatc attagataaa ttattttctt ggccatagcc gataatttkg taaycagtmc	180
taagtgtata sgwatthttkg ccacttttyc ctcagatgat taaagtaagt caacagctta	240
ttttaggaaa ctgtaaaagt aatagggaaa gagatttcac tatttgcntc atcagtggta	300
gggrggrgc	308

<210> 36381

<211> 59

<212> DNA

<213> Homo sapiens

<400> 36381

gacttggaat tgtgwdcgca agaagcaggc ttgatttttt tttctcccc cttctctct	59
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<210> 36382

<211> 271

<212> DNA

<213> Homo sapiens

<400> 36382

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tgaggcagga ggatttcttg tgcccaggag tttgagtcta gcctgggcaa tgcaatgaga	120
cctttatctc taaaawataa aacaataaaa atatadaatt taaaaaattt ttctgctttt	180
caatttttct ggaaagaaat atrwcttaat taaaggaaaa gaatttaaaa gcaaggctga	240
tactcgagca ttttgaggtc atatttgatg t	271

<210> 36383

<211> 89

<212> DNA

<213> Homo sapiens

<400> 36383

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<210> 36384

<211> 79

<212> DNA

<213> Homo sapiens

<400> 36384

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<210> 36385

<211> 195

<212> DNA

<213> Homo sapiens

<400> 36385

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accatttatg atacacccat ttaagtccca acagctattc cctcttggac ctcatgtwgt	120
ggggctgmat ttgcttctgt tattattatt tgagtaaaag aacgtgtgta tgggtcgcct	180
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<210> 36386

<211> 91

<212> DNA

<213> Homo sapiens

<400> 36386

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<210> 36387

<211> 281

<212> DNA

<213> Homo sapiens

<400> 36387

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cagctggacg ccacctccga tggacacagc cagcccttc ckgctgcaa ggtggcctrv	120
acactgtgcc agarartggc tggtttttaa tacctasdt aaamagtgcc chntttgtag	180
gaggtaggra tattttatat tctgccgcag gaatagaacc cacgcaagga ttttctttaa	240
attgagaggc accmggcagt aacttccatg aatgacactg a	281

<210> 36388

<211> 256

<212> DNA

<213> Homo sapiens

<400> 36388

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cagtccagga taccacatta catttatattg tcatgccttc ctatttccca ctgatctgtg	120
atagctnatg agtcattttc tgtctgtcat gactttgatg gttttganga gtattgacca	180
ggtattttgt agaatatcac tcagtttgag tttgtttcat gctttcctca tgattagatt	240
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<210> 36389

<211> 111

<212> DNA

<213> Homo sapiens

<400> 36389

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<210> 36390

<211> 108

<212> DNA

<213> Homo sapiens

<400> 36390
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acagaaaggg tttttgttct tatgaatgct aactttaatg ttttagaa 108

<210> 36391
<211> 174
<212> DNA
<213> Homo sapiens

<400> 36391
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tgctctgttt tacaaagagt tggaagcaac ttaggaaaat tcatacaacc aaaaggataa 120
atgtaggcta agggagtcgg gtgaaaggaa aatatgggta agaagacgag ccaa 174

<210> 36392
<211> 310
<212> DNA
<213> Homo sapiens

<400> 36392
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gcgcttcagg cggagttggg acttttgcta tacaggtaaa accatttttt aatcttgtga 120
ataggaggat tttgtttgca tgaatttata aattaagata cattatttct ccttaaaagc 180
tgagagaaaag gtaggtctgg taaatgtact gtaatttcag cttgttctgt aagaggaaaa 240
tattcttttt ttattagaaa aaattatttt ttagagatgg agtcttgctg tgtcaccag 300
gctggaggat 310

<210> 36393
<211> 218
<212> DNA
<213> Homo sapiens

<400> 36393
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gatttgdtwg cactcatcaa cccgtcatct aggttttadg ccctgcatgc actaggtatt 180
ggtcctaattg ctctccctcc ccttgccccct gaccctt 218

<210> 36394
<211> 434
<212> DNA
<213> Homo sapiens

<400> 36394
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cactctacat acagcagatt cttaagccat ctgtgtactc tttttaacac tgtactgaag 180
tccacttaag tcagagttca acaaaatgaa tgaatgtaat cccaggacta tggaacttct 240
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tatgtccat gtggaattgg tatatataaa tgttggtaga ctgtgaggat gaggttgaca 360
ggttgatctg agtagagacc ctaggaggaa ccgaggatac taackagttt tgttgttgtt 420
actgttttgc agtt 434

<210> 36395
 <211> 435
 <212> DNA
 <213> Homo sapiens

<400> 36395
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 gagctttccc tatttgacta aactattcag tgttctbrga ctgtctatcg tcttgcatth 360
 cccagttca acttccttca ccaagttcta cttaatcctt tctmsdkttc atgaaacaat 420
 cttttccccac ccata 435

<210> 36396
 <211> 91
 <212> DNA
 <213> Homo sapiens

<400> 36396
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 taaattgcag gtatatactt taaaaatctt a 91

<210> 36397
 <211> 56
 <212> DNA
 <213> Homo sapiens

<400> 36397
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<210> 36398
 <211> 215
 <212> DNA
 <213> Homo sapiens

<400> 36398
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 gaaagacacc aagctacggg acccgccgcg cctcc 215

<210> 36399
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 36399
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 gcatttttag atgctgtctt agtttgctat tatgtgagct atattgtcta ttaaggtaaa 180
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<210> 36400

<211> 69

<212> DNA

<213> Homo sapiens

<400> 36400

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<210> 36401

<211> 401

<212> DNA

<213> Homo sapiens

<400> 36401

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tttgggatga agtttdgctc ttgtttgccc aggctggagt gcagtgggtgc agtctcggct	180
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tttagtggag accgggtttc tccatgttgg tcagcctgdn btcgaactcc tgatctcgtg	360
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<210> 36402

<211> 361

<212> DNA

<213> Homo sapiens

<400> 36402

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ccagctaatt accgttgtcc ttgtttcgga agaggctgtc aggcctggct cacgctggct	180
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gtgatacaga acaggtgtgc ccgagactgc tacctcacca gggccaggga gwaagagggg	300
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<210> 36403

<211> 109

<212> DNA

<213> Homo sapiens

<400> 36403

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<210> 36404

<211> 207

<212> DNA

<213> Homo sapiens

<400> 36404

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acagtgactc acgcctgtaa tcccggcact ttgggaggcc ggggctggcg gatcacttga	120

ggccaggaag tcaagaccag cctggctaac atggcgaaac cctgtcacta ctaaaaaata 180
caaaaattag cctggtatgg tggcgca 207

<210> 36405
<211> 215
<212> DNA
<213> Homo sapiens

<400> 36405
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tgagagcaga gctctagaac attcccttat ccagaaaagt tctcttgac atgctgctca 180
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<210> 36406
<211> 108
<212> DNA
<213> Homo sapiens

<400> 36406
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atccaagacg tctttggacc ccaaacattg agacgtttcc cagaggag 108

<210> 36407
<211> 73
<212> DNA
<213> Homo sapiens

<400> 36407
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gggayggcag agc 73

<210> 36408
<211> 92
<212> DNA
<213> Homo sapiens

<400> 36408
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tagccctatg ggatatatgc tggtatgatg gc 92

<210> 36409
<211> 107
<212> DNA
<213> Homo sapiens

<400> 36409
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gcmttcaga ggtaacttgg gtgctgttaa aggcattwcag ttgtaaa 107

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<211> 320
<212> DNA
<213> Homo sapiens

<400> 36410
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tgatggagga gggggagcag gttgaaacaa tcgagtgggc gcgccaggac tccccagctm 120
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cccccggaac gwggagagg caggggtgac cgctagaata ggaaagtgt ccccccggg 240
aggcaaaatt tcgttcagat cgcacattaa ttggagatat ctgattaatt ccagcttctg 300
atgactataa aatggcgatt 320

<210> 36411
<211> 67
<212> DNA
<213> Homo sapiens

<400> 36411
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cagcagc 67

<210> 36412
<211> 115
<212> DNA
<213> Homo sapiens

<400> 36412
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gatagcttga gcccaggagt tcgagacctg cctgggcaat atagcgagac cccgt 115

<210> 36413
<211> 287
<212> DNA
<213> Homo sapiens

<400> 36413
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actccattct cctgcgcaag gtgcagctgc accacggagg caacaagggk cagcsctggg 120
htsggktatg agaatgrgtc ggccctgaac ctttatgaga cttgcaadgg tgcggaccgt 180
gaaggctggc acgctggaga agctggtgga gcacctggtg ccagccttcc agggcagcga 240
cctctcctac gtcaccattc tchtgtgtac ctatagagcc ttcacca 287

<210> 36414
<211> 106
<212> DNA
<213> Homo sapiens

<400> 36414
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agtaataaag caacagcaga accagttaat tactcatggg caaatc 106

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<212> DNA
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ttatcagtaa tcaacttcctt ccctttcatw tgtgtttgtt ttgttttgtt tgagatggag 180
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cct 243

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<211> 102
<212> DNA
<213> Homo sapiens

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<211> 289
<212> DNA
<213> Homo sapiens

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<211> 136

<212> DNA

<213> Homo sapiens

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<211> 60

<212> DNA

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<211> 458

<212> DNA

<213> Homo sapiens

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<211> 365

<212> DNA

<213> Homo sapiens

<400> 36424

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<211> 134

<212> DNA

<213> Homo sapiens

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 <212> DNA
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aagaaagact tt 72

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<212> DNA
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<211> 201
<212> DNA
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<212> DNA
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<211> 188
<212> DNA
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<400> 36434
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gcagcttggg aacaacatkt cgctcatgag gggtttggat aacawtyckc tctgggtctgg 180
cagtatcc 188

<210> 36435
<211> 109

<212> DNA

<213> Homo sapiens

<400> 36435

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<210> 36436

<211> 358

<212> DNA

<213> Homo sapiens

<400> 36436

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atacactaaa	attactgtta	cccatagtca	ksctgcattg	ctgtacaaka	ctggaattta	180
ttcctctctt	ctagctgtga	ttttgtatct	gttaaccaak	ctctcctagc	ctctaataac	240
cacaattcta	ctctctacct	ctatccgctc	atgtttttagc	tcctatatat	gagtgagaac	300
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<210> 36437

<211> 421

<212> DNA

<213> Homo sapiens

<400> 36437

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gattgacttt	ttttcataaa	atatttctct	gaagcacata	atgttatttg	agacatttta	300
cccacactgg	aatttctctc	aaaattgaag	tcagtattct	caaacactgc	cagtgtctgt	360
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<210> 36438

<211> 91

<212> DNA

<213> Homo sapiens

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<211> 395

<212> DNA

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<400> 36441
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<210> 36442
 <211> 120
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 <212> DNA
 <213> Homo sapiens

<400> 36443
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 tacgtgctgg acccggtgc 139

<210> 36444
 <211> 76
 <212> DNA
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<400> 36444
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<210> 36445

<211> 91
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gcacccact cccagctgca acccagggaac a 91

<210> 36446
<211> 149
<212> DNA
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gctgcagtgt ttgaaagcca aaggatttaa gagttttgtt gttgttaata aaaggaatac 120
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<211> 291
<212> DNA
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scagacctra cccagcggtg ctgggaggtg attgatgcc aggctgagtt agctctcaag 180
tctgagggat tctgcatat tgacttccag acactagaaa gtattctccg tagggaaact 240
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<210> 36448
<211> 355
<212> DNA
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gdcttctgtg cttttggaga gagaccccca tccccaaaga tggctctccct ctgggtggag 180
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agccccagtg atagttgttt attgcacgca gtctcaaggg aaaattgatt gggatattga 300
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<211> 74
<212> DNA
<213> Homo sapiens

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ttcttccctc ccta 74

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<212> DNA
<213> Homo sapiens

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<212> DNA
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<211> 240
<212> DNA
<213> Homo sapiens

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<211> 116
<212> DNA
<213> Homo sapiens

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<212> DNA
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cta 183

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<211> 332
<212> DNA
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<211> 239
<212> DNA
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<211> 150
<212> DNA
<213> Homo sapiens

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acaataccca ataaaaata aactggccat 150

<210> 36458
<211> 291
<212> DNA
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tcactttaaa tacatattat ttctttgtag tgatatcatt caaaatcctc tcttctacct 180
atgttgaaaa tataccataa actattgtga gttatagtca ttctattgtg aagtaagaac 240
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<210> 36459
<211> 101
<212> DNA
<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

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<212> DNA
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<212> DNA
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<212> DNA
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<212> DNA
<213> Homo sapiens

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ctagggt 263

<210> 36467
<211> 152
<212> DNA
<213> Homo sapiens

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gacctcttca aggagaacta caaaccacct gc 152

<210> 36468
<211> 63
<212> DNA
<213> Homo sapiens

<400> 36468
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aca 63

<210> 36469
<211> 113
<212> DNA
<213> Homo sapiens

<400> 36469
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<211> 218
<212> DNA
<213> Homo sapiens

<400> 36470
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tgctattcac ggtctaagag atgcagcagg agaaaaatga tamcaattat gtaaattgtt 180
gctactatga aaaacagttt ccagtctcac tgtagcaa 218

<210> 36471
<211> 80
<212> DNA
<213> Homo sapiens

<400> 36471
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tcctctttka ttctactcc 80

<210> 36472
<211> 133
<212> DNA
<213> Homo sapiens

<400> 36472
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agccaagaaa ttctagtgtg gcagaactga gcttggtgccc ccttcttgta ctgatggaaa 120
tagtgccatg tcc 133

<210> 36473
<211> 339
<212> DNA
<213> Homo sapiens

<400> 36473
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ggagtgcagt ggtgcaattc atggctcamc kgmagtgakk agccgggacc acaagcatac 180
cccaccacac ctggctaatt aaaaaagaat tttttttgta gaaatggagg tctcactatg 240
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<210> 36474
<211> 149
<212> DNA
<213> Homo sapiens

<400> 36474
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tcaagcgatt tccctacctm agcccgycg 149

<210> 36475
<211> 304
<212> DNA
<213> Homo sapiens

<400> 36475
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actcattaat ttgttatata taggatacag caacaaatct ggctttatgc aatccaaaaa 180
ctgataatca ccacataatt tttcatctga atatgttgca ataggtttta attttattgc 240
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aagg 304

<210> 36476

<211> 83

<212> DNA

<213> Homo sapiens

<400> 36476

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<211> 229

<212> DNA

<213> Homo sapiens

<400> 36477

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tagccattat	ctttgaggaa	atgtgtacca	aggbacaatc	attaaaagga	gttggaggca	180
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<210> 36478

<211> 341

<212> DNA

<213> Homo sapiens

<400> 36478

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agatgagctc	ttgcaaaact	ttattacaat	aattccattt	acaccaatag	agggtatcat	180
ataaaaccat	aatacacaga	tgattcccaa	ataacctcdt	cagcttagac	ctctctcctg	240
gacctacaa	ataaccaatg	cttagtgggt	aggtagctcc	tcctgaatag	acatctcvnn	300
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<210> 36479

<211> 451

<212> DNA

<213> Homo sapiens

<400> 36479

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aagcaaaata	gaaaatattg	tagcatttgt	tttcattgca	atttaccata	catgccatcc	180
aaagattgtc	tacttttttg	aacatttgaa	tacagtgata	gacaactgtg	atcctaaaaat	240
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actgtggatg	ttgattttca	ttgtactcag	aatgtgaaca	tgtaatttaa	tagaagtatt	360
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<210> 36480

<211> 211

<212> DNA

<213> Homo sapiens

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 atggcatcta gaatggcaaa tcttttccgg aaagttttta awttactttg cmctaratcc 120
 ttcagaggaa tcaccagcta tggcagctat aaccttgcca aatgtatttc ttaagtaaca 180
 rgacttgaaa gtcagtatta ctcttgata c 211

<210> 36481
 <211> 275
 <212> DNA
 <213> Homo sapiens

<400> 36481
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 acaaaaaatt taaaagtttag ccaggaattg tggcatggcc ctgagggtcc agctacttgg 180
 gaggggtgagg caggagaatt gcttgagcct aggtcaaggc tatagtaacc tgtgaccacg 240
 cgactgcact ctatcctggc caacaaagcg agact 275

<210> 36482
 <211> 234
 <212> DNA
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<400> 36482
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 ggagatactt cccagcttcc cctcagaacc tcttgctttt cttctcttgc tcacacaatt 180
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<210> 36483
 <211> 187
 <212> DNA
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<400> 36483
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 ggggaaggggc agtggaccac tgtgctggag ttctcttgaa actgaccatg acctccctgg 120
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 gggtagt 187

<210> 36484
 <211> 585
 <212> DNA
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<400> 36484
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 tctcctggga gcttggttaga aatgcagaat ctcaggcccc acctcagact tactgcataa 180
 tcggcatttt aacaagatcc ccaggagttt catctgcatg gtgggagtgagg gagagagtag 240
 aagttgaagg aggtaaabca ctgtgtgttc aggcgagaca ctgagggcct gagctagggc 300
 agtgggaggg agtaaaggag attgatgtgg atattatcct gggactcagt agctaactgg 360
 ctcttttggc aacagaagct ccaagatgac aagtttacag ttgggtgatg gaagaattkn 420
 vratcaagtt cataaaagta ggaagcaaca gattgtgtag cggatatcac tgattaattc 480

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cctctgtwct tggatattac aatttaacat tgaaggactg gtttt 585

<210> 36485
<211> 339
<212> DNA
<213> Homo sapiens

<400> 36485
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tgcacatgtc ccatcacacc tgagatgtca gacatgggaa gttcgtgcta ttattcagtt 180
gcctctcttg accatggcaa gatttctcctca ttcattcaaac agactccagg ccctgacaaa 240
gcagttggat ttggcatgtg tgatgaaaac aattagccat ccatgtacaa cattatgctt 300
actgcatccc atggaaactt aaattccctc ctagcacca 339

<210> 36486
<211> 400
<212> DNA
<213> Homo sapiens

<400> 36486
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acattttattg taataaattc ttctaaatat cacaggacta ctagaaatgt attacattgt 240
cccttagggt tgattttttaa agtaatgccc acataacttt ttattcatct aataagtcag 300
aggtttaggta tgcaaatatg atttatactt ttttaagatca tggcatcatt gtaggggaat 360
agaattttata tacatagaag tttaaatacta caaggcagca 400

<210> 36487
<211> 314
<212> DNA
<213> Homo sapiens

<400> 36487
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atatattgat aagtaaatgg cttgtttgca tatacccaac ttttagaatt tattaactct 180
aaagttttta ttgggttaaag ccawwtaaaa taatataagc tcatattttt ttagattttt 240
catgtcctaa aatgaacata gttgtatact ttatctcact aggataattt ttatctttgc 300
ctatatgtgc tgcg 314

<210> 36488
<211> 373
<212> DNA
<213> Homo sapiens

<400> 36488
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aggaggaagc agaggaaaag gaggaggagwr gaaggcggct tgcaactcct caratccaga 180
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gaaccaagc ctactggag cagtcgcagt taatcctacg tggatcctgc ctcctctccc 300

aatcctgtgg gtgggacata aatacccagc cagcctcagg gtgtggggccg agggccttgaa 360
gaagtagccg cca 373

<210> 36489
<211> 50
<212> DNA
<213> Homo sapiens

<400> 36489
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<210> 36490
<211> 220
<212> DNA
<213> Homo sapiens

<400> 36490
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acatgtgcat gtatcttcat aatagaatga tttatatctc tttgggtaga taccacagtaa 120
tgggattgct ggggtcaaag gyatttctgg kttccagggt cttwrrggaa ttggcacacw 180
gtcttccaca atggctgaac taatttacat tcccaccaac 220

<210> 36491
<211> 150
<212> DNA
<213> Homo sapiens

<400> 36491
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attgtcagat tcaccaaagt tgaaatgaag gaaaaaatgt taagggcagc cagagaaaaa 120
ggtcgggtta ccctcaaagg gaagcccaat 150

<210> 36492
<211> 119
<212> DNA
<213> Homo sapiens

<400> 36492
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<210> 36493
<211> 126
<212> DNA
<213> Homo sapiens

<400> 36493
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ccagtgggta gtaataaacc caaataatag tgaagagagc tctggacaga gagttgaggt 120
ttaacc 126

<210> 36494
<211> 252
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<213> Homo sapiens

<400> 36494

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tagactcttc aacttccttt ctacccctt ataatttaat ttaaaccata cgaaaattgg      120
cttgtgaggr tatgtatggg ggawragaat ctaaccctwh cwatataada racacacatc      180
ggctgbrcat tatggccac acctgtaatt ccagcacttt gggagaccaa ggtgggtgga      240
tcctttgagc ct                                                              252
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<210> 36495

<211> 114

<212> DNA

<213> Homo sapiens

<400> 36495

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taaagcatag caaggatcag gagaacagca tgggggaacg tcccatgat ctaa          114
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<210> 36496

<211> 211

<212> DNA

<213> Homo sapiens

<400> 36496

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gcttaggagt tagaggttgt agaaagctat gatcatacca ctgcactcca ggctggatga      120
cagtgggccc tgtctctaaa acacaaaaaa aaactamcaa aaaaagtgtt taatccataa      180
gatgaccaca tttataggag gctcccggma t                                     211
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<210> 36497

<211> 169

<212> DNA

<213> Homo sapiens

<400> 36497

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ctacagcaaa atgagatatg atccattaaa caacatattc gcaaatcaaa aagtgtttca      120
gtaatataat gcttcagatt tagaagcaaa tcaaatgata gaactcctt                169
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<210> 36498

<211> 101

<212> DNA

<213> Homo sapiens

<400> 36498

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aaggaaatcc ttaccagctt ccattacgat gcacaaaggg a                          101
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<210> 36499

<211> 110

<212> DNA

<213> Homo sapiens

<400> 36499

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 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 36500
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 tatcagcttc tgtagctact agggcactgc ttaaacaat taatgaaccc aagttttact 120
 taaaagacaa tggaatctaa agccagaaag gaatgaaagc cacatgattg tgggcctcct 180
 gtcctgccaa gagtcagggc tcagagtctc acgacbtgcc ttcaacagta gcggtccagt 240
 ggttattggt caccctggat agcatacaca ggcccggggg tgggctgctg gtgtttacga 300
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<210> 36501
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 36501
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 gcatgtttca gatcatgtcc tctaattcct gtggcaagtc tcatggccaa acgtaagatc 180
 aagggcgat 189

<210> 36502
 <211> 308
 <212> DNA
 <213> Homo sapiens

<400> 36502
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 tcaaagttaa ttacttcaaa tgataattag aaatcatcct gaaagacttt tgtatatggt 180
 agaatagatg atggttgtgt ttttagtact tttgttgcaa ttatctatgt atggccagtg 240
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<210> 36503
 <211> 132
 <212> DNA
 <213> Homo sapiens

<400> 36503
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 vtgcatattc tt 132

<210> 36504
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 36504
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 ccaatcaaca tttagatttt gacttgattt caaaatatta gtgtataaat taacagtgtgta 180
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 aattgtagcc cagggtca 258

<210> 36505
 <211> 120
 <212> DNA
 <213> Homo sapiens

<400> 36505
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<210> 36506
 <211> 123
 <212> DNA
 <213> Homo sapiens

<400> 36506
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 sat 123

<210> 36507
 <211> 97
 <212> DNA
 <213> Homo sapiens

<400> 36507
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 aaagggaagt ttatggcyat aattgcctac atcaaga 97

<210> 36508
 <211> 217
 <212> DNA
 <213> Homo sapiens

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 wgwcaaggg wtcgccagw wttcatgctt gcatwtwggg ctcmaaattg gcaactggaa 180
 ggggttactg agagcacaag gctgatacca ggcccat 217

<210> 36509
 <211> 140
 <212> DNA
 <213> Homo sapiens

<400> 36509
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aaattgagaa actatatact tctcagagaa atatctgaca tctattgtca ttccattgct 120
atTTTTTTTc cccagagaca 140

<210> 36510
<211> 145
<212> DNA
<213> Homo sapiens

<400> 36510
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ggagactgca gagggagata aagagagagg gcaaagaggc agcaagagat ttgtcctggg 120
gatccagaaa cccatgatac cccac 145

<210> 36511
<211> 385
<212> DNA
<213> Homo sapiens

<400> 36511
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tacatatgta tacacatgcc atgggt 385

<210> 36512
<211> 122
<212> DNA
<213> Homo sapiens

<400> 36512
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ttccactggt tgccctcagg tgactcggtc actgggttct gytggatgct tctagatctg 120
ca 122

<210> 36513
<211> 216
<212> DNA
<213> Homo sapiens

<400> 36513
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aggccccgcc tctctatTTc caggggtgat aaagccatct ctgggctggc ttaagagact 120
gagggctgaa ctcagagccc tgccaccccc aacagccttg cagcctccct grnbactTTc 180
tgggcwrctg gggagtctta actatttctct ccccc 216

<210> 36514
<211> 211
<212> DNA
<213> Homo sapiens

<400> 36514

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 gaactgggac ctgaaatagt ccctccgttc tcccctttga ccatgtaata aatgaaccag 180
 aagcactgag attaacctat caacgcctg a 211

<210> 36515
 <211> 242
 <212> DNA
 <213> Homo sapiens

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 agcattttat ttagtcatta atttattcat ccacatacat ccatcaatct catttatgca 180
 ttaattaatt cattcattca aaagatgcat tttaaaaagt agtggatata atagatagcc 240
 cc 242

<210> 36516
 <211> 69
 <212> DNA
 <213> Homo sapiens

<400> 36516
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 agcccaaga 69

<210> 36517
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 36517
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<210> 36518
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 <212> DNA
 <213> Homo sapiens

<400> 36518
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 cactcgatgg gaaatgtggc tcagaggggw yccacacacc tgtaaataga gtaactacta 180
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<210> 36519
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 <212> DNA
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gtggtatatt ggggaatttt tttttttttt t 91

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<212> DNA
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<400> 36520
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cctctatcac tcctccactc aacaggatat gccaggctgc aggctacagt gccgagaagg 180
agaagacgga ggcgatgggt atgtcaccca aggaattaag taagcagggg agctgataac 240
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<210> 36521
<211> 148
<212> DNA
<213> Homo sapiens

<400> 36521
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wtgwggaaat ggtgatcaag ggatcatctt tgaaatgtgc ttccccaac caaactgtat 120
ctacattttc agtctcccaa ccagcccc 148

<210> 36522
<211> 238
<212> DNA
<213> Homo sapiens

<400> 36522
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tcattggagt gaacagtgac gcaagctcaa tagacttcat aagtgttcat agaattttac 180
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<210> 36523
<211> 90
<212> DNA
<213> Homo sapiens

<400> 36523
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gcttgtctct actaccaact cctcagcccc 90

<210> 36524
<211> 94
<212> DNA
<213> Homo sapiens

<400> 36524
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<210> 36525

<211> 279
<212> DNA
<213> Homo sapiens

<400> 36525
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tgtccatttc ctatttataa cccctctggg aacgtttgtc taaaggaaat gtttctgttc 240
agtgtaacar ttacagttgc acctggattg cccagtcct 279

<210> 36526
<211> 106
<212> DNA
<213> Homo sapiens

<400> 36526
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actgaccgcg gtccctccgt ctcgagcccg cgcgcctca gagggg 106

<210> 36527
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<212> DNA
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<400> 36527
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aggatttggg aaaga 75

<210> 36528
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<212> DNA
<213> Homo sapiens

<400> 36528
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gctca 65

<210> 36529
<211> 102
<212> DNA
<213> Homo sapiens

<400> 36529
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caacttaagg aaaacaagaa tgttgtcttc kaactctgac at 102

<210> 36530
<211> 107
<212> DNA
<213> Homo sapiens

<400> 36530
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ggccacagcc tcgcgtdcrt ttccagagaa gggctctgag gttgcct 107

<210> 36531
<211> 255
<212> DNA
<213> Homo sapiens

<400> 36531
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tgtacttctg cygctggccc cgggctargc grggccgccc hccagcgctg cccacaggcc 180
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ccagacgcca tccct 255

<210> 36532
<211> 114
<212> DNA
<213> Homo sapiens

<400> 36532
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<210> 36533
<211> 287
<212> DNA
<213> Homo sapiens

<400> 36533
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cctgtaatcc cggcactttg ggaggtggag gcggatggat cgcttggggg cgggagttcg 120
ggaccrgcct ggccaatawg gtgaaatckc atctctacta aggttacaga aattggctgg 180
gcatgggtgt gtgtgcctgt agtcccagct actcagggat gaggcacaag aatcacttga 240
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<210> 36534
<211> 334
<212> DNA
<213> Homo sapiens

<400> 36534
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tgaatggwgg sttggtccra cagacttgmc arkagtccav cttttaaact gacagactct 180
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gttttencag cccctgccca ttctgcccc cccc 334

<210> 36535
<211> 70
<212> DNA
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<400> 36535

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<210> 36536
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<212> DNA
<213> Homo sapiens

<400> 36536
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wcaaywgatt wrggaaaaga maaagtaagc tgcagaacag tactcaaaat gaccacgtta 180
ctctgaggat acgacgtcat cagagccgta aactgctcta gggaccaagg cgagccactt 240
gcagggaagc tgaaagagtg tgcgcagaca ggagtgaac agagccaatg agaggaggar 300
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<210> 36537
<211> 117
<212> DNA
<213> Homo sapiens

<400> 36537
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acataattttc ctgattttta agtcatcggt aggatggaaa atttggaama tatagta 117

<210> 36538
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<212> DNA
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<400> 36538
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grgccaagcg gmcaattgta cagaatttaa accgtctctc 100

<210> 36539
<211> 92
<212> DNA
<213> Homo sapiens

<400> 36539
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aagttcacgt tccgctctta gtgcgcgtgc ac 92

<210> 36540
<211> 186
<212> DNA
<213> Homo sapiens

<400> 36540
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ccagcc 186

<210> 36541
 <211> 369
 <212> DNA
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<400> 36541
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 cagctctccc ccttgggttc caaacattat ctcttctccc tttttcttta actgtcattt 180
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 tttttcataa gaaatggccc atgtttgcag ctgaataatt ttctcagctt gcttttttcc 300
 ccgtagaaaag cttgtgactc aaatgcctct tttcactttg aacttabkta yccctttatt 360
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<210> 36542
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 36542
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 acatgagtcc ttaatatact aaacagtgnk agaatgwtga tatctcattt ctaaagtaag 180
 catggttcac accacttttg caatacactg cagtactttt taaaaaatat tctctagtga 240
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 cgatgaaatt tatatttccc ttwaatcatt actattctam ttgttaagta aggctaagtw 360
 aawatttgtc ttcgcttaaa ttctgattt 389

<210> 36543
 <211> 66
 <212> DNA
 <213> Homo sapiens

<400> 36543
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 tcaaat 66

<210> 36544
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 <212> DNA
 <213> Homo sapiens

<400> 36544
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 aatatatttc aaaatagcca aaagagaggm yttaaaatgt tcccatcac 109

<210> 36545
 <211> 109
 <212> DNA
 <213> Homo sapiens

<400> 36545
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 acttgacta cagaactatg ggtggagctt ttccttttac aacagtttt 109

<210> 36546
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 36546
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<210> 36547
 <211> 51
 <212> DNA
 <213> Homo sapiens

<400> 36547
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<210> 36548
 <211> 229
 <212> DNA
 <213> Homo sapiens

<400> 36548
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 ctaarttctt nwcygtattt kgcwtcactt agtggttctc atttccagtc cacctgaaaa 180
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<210> 36549
 <211> 134
 <212> DNA
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<400> 36549
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 agggaaaccg tgdr 134

<210> 36550
 <211> 201
 <212> DNA
 <213> Homo sapiens

<400> 36550
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 tgtgctgcac ccattaactc gtcatttagc attagggtata tctcctaagt ctatacctcc 180
 cccctctccc caccacacaa c 201

<210> 36551
 <211> 232
 <212> DNA
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<400> 36551
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 tcccgaaggc cccgctggcc ggactcgggc hmaggctccac gcccggacg gctagcagga 180
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<210> 36552
 <211> 117
 <212> DNA
 <213> Homo sapiens

<400> 36552
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<210> 36553
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 <212> DNA
 <213> Homo sapiens

<400> 36553
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 ggcatttttc agcgagcttt gaaattcttc aatttttttt tagttactcc ctggtgctag 120
 graatctacc ttttaaggaa ctgtatgtaa ttactgtatt tgtcgggaga 170

<210> 36554
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 36554
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<210> 36555
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 36555
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 agataagatc agcttccagc atgacagctt aaggaaccca ttcctctgta aaactggtga 240
 aaattctttt ttgttttgtt tcgttttgag acagagtctc gctctgtcgc cgaggctggc 300
 gtgcagtggg gtgatcatgg cttactgcaa ccctgaccaa cctccctggc ccc 353

<210> 36556
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 36556
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tgatttttta aagtatgtta tagtgcaggt tgggtgactct cagcctataa aatwtatatc 120
atgttaaaat tactactttt ctgcgataac t 151

<210> 36557
<211> 249
<212> DNA
<213> Homo sapiens

<400> 36557
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tamraaaata tcagaagaaa cttaagctta tatatagaaa cagatagacg agaaataaat 180
gtagatgtgt gtattcatgt gctggtatat aaacatagat ttcttaactt tccacctgag 240
agggccaaa 249

<210> 36558
<211> 76
<212> DNA
<213> Homo sapiens

<400> 36558
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atgtactaaa cccagt 76

<210> 36559
<211> 236
<212> DNA
<213> Homo sapiens

<400> 36559
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gagtgcattg atgtgatatc tcggctcact gcaacctccc cctcccagggt tcagggtgatt 120
ctcctgcctc agctgtgggg aaaagaaaaga gagatcagac tgttactgtg tctgtgtaga 180
aagaagtaga tataagagac tccattttgt tcatcttggt agtcgatgac gcacga 236

<210> 36560
<211> 291
<212> DNA
<213> Homo sapiens

<400> 36560
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aatttgtgtg aactcagttt ccttttaagt acacatttct gatggattaa tgtttatttt 180
tcttttttaa gcaatatttg actcattaaa ggcaactact ttacagaaat gtagatctct 240
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<210> 36561
<211> 341
<212> DNA
<213> Homo sapiens

<400> 36561
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cagaatagtt	ctttctgctg	gtctgttttt	tctcttcgtt	gttggtgttt	ttaattgtaa	180
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tcaaaaaata	agtcattcagc	acttaagaaa	tgaaagcaac	ttttgaaatt	ttctgtttaa	300
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<210> 36562
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 36562						
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<210> 36563
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 <212> DNA
 <213> Homo sapiens

<400> 36563						
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tggaaactagg	caagggaags	tgcttaaaat	agtgtgttga	ttttcacata	aagtaggcc	180
aattctctat	gtttacagta	ttaatttgc	tagccagccc	tttatttcat	tgacagtacg	240
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<210> 36564
 <211> 234
 <212> DNA
 <213> Homo sapiens

<400> 36564						
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cacacacmca	atggaataac	tattvagcca	ccgraaagaa	tgaamatcct	gttttcttgc	180
aacaacatgg	atggaactgg	aagacattat	gttaagtga	ataaaccagg	agtc	234

<210> 36565
 <211> 254
 <212> DNA
 <213> Homo sapiens

<400> 36565						
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gacaggggca	gggatgtgct	ctccgcggtg	ctttccggca	tggggaccgc	ctaccacag	180
ktggcagata	tgctgttgga	gctctgtgtc	accgagttgg	aggatgtggc	cacagactcg	240
cagagcggcc	cgcc					254

<210> 36566
 <211> 175
 <212> DNA

<213> Homo sapiens

<400> 36566

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aaagaggtat	aactcctact	tgaagagtgt	gagagaatat	ttactactcg	gatgtttgag	120
acataccaaa	aaaatgcttt	ttgatccttt	atcaagaaga	cgtaatgacc	aagat	175

<210> 36567

<211> 102

<212> DNA

<213> Homo sapiens

<400> 36567

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taaattgcag	gtatatactt	taaaaatctt	aaaaaaaaaa	aa		102

<210> 36568

<211> 163

<212> DNA

<213> Homo sapiens

<400> 36568

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gcagttcagt	tctgacacca	tctacctgga	gatggcatca	gattccacag	gttgtgagca	120
agactgtccc	actctgcccc	actagccaca	agaccaggcc	ttt		163

<210> 36569

<211> 274

<212> DNA

<213> Homo sapiens

<400> 36569

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tsckktctmg	ccatgtccca	gagcaggcac	cgcgccgagg	ccccgccgct	ggagcgcgag	180
gacagtggda	ccttcagttt	ggggaagatg	akdacagcta	agccagggaa	aacaccgatt	240
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<210> 36570

<211> 275

<212> DNA

<213> Homo sapiens

<400> 36570

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aggtgtgcat	gtgcctgtcc	aattagcagg	tagccacatg	taggtagagg	atccacagag	180
gaagaagaga	gcttgtgcc	ggcaaaactg	gaaatgcaaa	gtaaaaagat	gagaaggaat	240
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<210> 36571

<211> 210

<212> DNA

<213> Homo sapiens

<400> 36571
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 ctcatacttc ttactgccag tcatgagctg tcwctgwcag tgatcacttt gattacctct 180
 ctcaacatgt cattgccttt atcccaccct 210

<210> 36572
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 36572
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 cggttaggtc gtcacaggct ccggctcatg gcatcaagtg gcatccatca taagatcggt 120
 aactgvagac aatatgcaaa a 141

<210> 36573
 <211> 431
 <212> DNA
 <213> Homo sapiens

<400> 36573
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 gtgcwtcatw gmmaaaaaaag agggcatgaa gcatttatac cggcagacct gtttgctgct 180
 ttttagctgt gttaaaaactt ggtctacaaa atattctata taacatgagg aaggaaatga 240
 cattccccctt tttcatttaa gaaggaaata ttgggcatta attctcagta ttctwwdnga 300
 agtgaaaact ttaaaatgam atcacaatag ragctttwk ttgttttttg wctttctmhd 360
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 tggctggtac a 431

<210> 36574
 <211> 56
 <212> DNA
 <213> Homo sapiens

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<210> 36575
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 36575
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 tttcttttag tgotagctaa gttttgtgca tttggagcag ttctgccttt tcattctggt 180
 ataattaatt atttgctatc agctgaaact gaaagaagaa acttgaactt catacttcga 240
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 ggccgggtc 309

<210> 36576

<211> 254
<212> DNA
<213> Homo sapiens

<400> 36576
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aggatgggag gasacccacc gcagaggggt attgagaaag ttaatgagat cattaagcta 180
aatgcgtagc atattctaag cctcaaaaaa cttaaaggag ccttctaagc ctcagtaaag 240
ttaaaggggt gtga 254

<210> 36577
<211> 356
<212> DNA
<213> Homo sapiens

<400> 36577
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ccttttctgg acgtcttggt aagtctgatg ggggttcata catctgagcc aggactggct 180
tttcttggct gcaagctgaa agttgggtcc aggtctgctg tactgagggg ctcctatctt 240
ccttggacag ggacaaccag aggcctatct atctcatgat ggaaggcagg agaacaagca 300
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<210> 36578
<211> 411
<212> DNA
<213> Homo sapiens

<400> 36578
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tctaacatga attaatagtg acaagtatat tttaaaagat aatgcccctt tttttttta 180
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catgtctggc tgcttctcta cagtctcatt atctgaactt tctttcctaa ctagacctta 360
aagttttwttt ttcattwaggt ggggaaaaaa catctagctg tgctctgggg a 411

<210> 36579
<211> 279
<212> DNA
<213> Homo sapiens

<400> 36579
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gaaatgagag gttctaagag gcgagctcgt ggcttgtaac ccacatggaa gaggttaaaa 120
aggacgatag aatggaatga gcctgtgagg ctgaaaggag gtattttcct tggcttaaga 180
accatttgcc ttgagtaggg agggattgat atgtggaaac ttcagtggga gagtaagtag 240
gagtgactga tgaggagaaa aactggccat gaggacat 279

<210> 36580
<211> 221
<212> DNA
<213> Homo sapiens

<400> 36580
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 gcttttggtc ttttactgca atgtatatcc caggattgtt aaaggatcct cgcttcnagg 180
 aggtctctgk gaaataaaac brvgttaatc ccactagact t 221

<210> 36581
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 36581
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 ccctgagccg 130

<210> 36582
 <211> 52
 <212> DNA
 <213> Homo sapiens

<400> 36582
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<210> 36583
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 36583
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<210> 36584
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 <212> DNA
 <213> Homo sapiens

<400> 36584
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 tgcttaaaga agttgcagtt tttttttctc aaacaggaaa ttcagaggta agcacttgct 240
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<210> 36585
 <211> 428
 <212> DNA
 <213> Homo sapiens

<400> 36585
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gggtgaaagt	agtaggggca	tccccagggt	acatgtaaag	aatttctatt	attatccagt	240
acttaagatt	gctcccattg	agtaagggga	agaacttcta	cttttacagg	gtgcataaga	300
gccacacaaa	cacacttcat	cttaggaagc	acttgagaa	aactcccaag	aaagtmagt	360
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<210> 36586

<211> 260

<212> DNA

<213> Homo sapiens

<400> 36586

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caaaacctgt	tttgttcaac	ttgtgtttct	atccactttt	ataagtacac	aaaaattata	180
gcnggacact	taaaatactt	gtgataacag	cctttcttgt	gatagcagtc	tgtctgtctg	240
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<210> 36587

<211> 323

<212> DNA

<213> Homo sapiens

<400> 36587

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aratagwaaa	aagaaagcag	agctgmggaa	cttggctctg	tgggggtgaa	ggtagctggg	180
tgtagggtgtg	cagagcagga	atgcatgtaa	gtgtagatca	tctgatctta	cccatcggt	240
cgcttgtaac	ttgatgatac	tgtttttttg	ttgtaagact	gagaaaaccc	tgtatttcag	300
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<210> 36588

<211> 189

<212> DNA

<213> Homo sapiens

<400> 36588

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acctgttctt	ccatcaaacc	atcttatctt	tttaatgcag	accttagtac	tctacacca	180
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<210> 36589

<211> 372

<212> DNA

<213> Homo sapiens

<400> 36589

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gcagtggcca	ctcgcccatg	tggtgggagt	attagaaaac	tgacgaatcc	caactgaaat	180
atatacctaag	tataaaacac	acaccagatt	tcaaatatgg	tgttggaaaa	gaagaatwtw	240

aactatctca	ttagaaatta	twatattgat	tacatgttga	aatgattttg	tatatatcac	300
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<210> 36590
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 <212> DNA
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caagactctg	gagtcggtga	tgagaaaatc	caatcagagc	attccacttt	gctattcatt	180
gaaccaggta	gncaacagaa	gagttaaaaa	ttagtgatat	gactataatt	cagggggaag	240
gagagctgya	ggggggcggc	aggaagtcag	cagaaaatgc	ctcatgtcat	kanngscaag	300
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<210> 36591
 <211> 260
 <212> DNA
 <213> Homo sapiens

<400> 36591						
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tgctcagctt	cggctacctg	tcctgggact	gggccaagcc	gagcttcgtg	gccgacgggc	180
ccggggaggc	tgrcgagcag	ccctcggccg	ctccgcccc	gcctccccac	awcatcktca	240
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<210> 36592
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 <212> DNA
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<400> 36592						
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<210> 36593
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 <212> DNA
 <213> Homo sapiens

<400> 36593						
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gctcctgctt	aagatcactt	ctcaaggata	cctcagtaag	caatggataa	atcaactttt	180
tgttatatgt	gccaaagtact	aagtttcagg	gttctcttca	gcaatcatta	attaatactt	240
cagccagt						248

<210> 36594
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<213> Homo sapiens

<400> 36594

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<210> 36595

<211> 173

<212> DNA

<213> Homo sapiens

<400> 36595

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<210> 36596

<211> 223

<212> DNA

<213> Homo sapiens

<400> 36596

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cgaggaggatt	gtggctgtca	ctgcgatagg	atctgcgacc	ctgagacctg	cagctgcagc	120
ctggcaggca	tcaagtgcc	gatggaccac	acagcattcc	cctgtggctg	ctgcaggagg	180
ggctgtgaga	accccatggg	ccgtgtggaa	tttaatcagg	caa		223

<210> 36597

<211> 61

<212> DNA

<213> Homo sapiens

<400> 36597

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<210> 36598

<211> 180

<212> DNA

<213> Homo sapiens

<400> 36598

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aggaggctga	ggtaggagga	tcacctgagc	ctgggaggtt	gaggctgcag	tgagccatga	120
tcgcaccact	gcactctagc	ctgggcaaca	gagtgcagacc	ctgtttcaaa	aaaaaaaaaa	180

<210> 36599

<211> 358

<212> DNA

<213> Homo sapiens

<400> 36599

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ctacttaagt	ttcaggttac	cagcaaaaagc	cgggttttcat	tatcataatg	cagatacatt	120
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tgtttgccac	aaaacattgc	ttgaagcaca	tacttagata	gaaattggtc	ttaatttata	300
taatcaatat	aaaatactaa	tgcaattcta	cagcattcaa	atgaagaaaa	cttgaggc	358

<210> 36600

<211> 189

<212> DNA

<213> Homo sapiens

<400> 36600

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wyctgavcct	magcytgtgg	ctcttgwg	tgccagaag	ccarsttcat	gtctgagtgc	180
acgagcagc						189

<210> 36601

<211> 246

<212> DNA

<213> Homo sapiens

<400> 36601

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gcagggttgt	gaaataactt	ggggactctg	agcaacttta	aatggytctc	tacttctaga	180
gcataagaag	ttctcttcag	gagggatgag	aaggagacag	agaggcagga	tactggaaca	240
ggagag						246

<210> 36602

<211> 202

<212> DNA

<213> Homo sapiens

<400> 36602

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aagaatctag	tgccctttct	gagaaggaat	ttagctagga	gaaccaaagt	ttgtcccata	120
cactgggtta	aaaagaacca	gttatgaact	acaaatgcag	ttgacttttg	ccctgagctc	180
tatagggaaa	agtagggaga	tg				202

<210> 36603

<211> 364

<212> DNA

<213> Homo sapiens

<400> 36603

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aattttttcca	tggtatgcagg	atgggtaagg	atggtttttg	gatgaaactc	ttccacctca	180
gattatcagg	cattggattc	ttataaggag	catgcaacct	acatccctca	aatgcgcagt	240
tcacaatagg	gtttgcgctt	ctatgagaac	ctaattgccat	cactgatctg	acaggaggcg	300
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cact						364

<210> 36604
 <211> 210
 <212> DNA
 <213> Homo sapiens

<400> 36604
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 agttcctgac tgtaataata aatggcactg 210

<210> 36605
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 36605
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 gaaacttcga gttagttgca ttgatgaatt aagcagcagg ctagtaatgg aaaatatttc 180
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<210> 36606
 <211> 174
 <212> DNA
 <213> Homo sapiens

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 tccgggtccc gggatcccaa gtttgaact aacgggagcg aatccacacc cact 174

<210> 36607
 <211> 89
 <212> DNA
 <213> Homo sapiens

<400> 36607
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 tcccagaccg cgaccaccgc acccatcgc 89

<210> 36608
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 36608
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<210> 36609

<211> 126
<212> DNA
<213> Homo sapiens

<400> 36609
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acaaca 126

<210> 36610
<211> 162
<212> DNA
<213> Homo sapiens

<400> 36610
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catggaacat tattcttgcc tactacagtt cccaccacc ca 126

<210> 36611
<211> 124
<212> DNA
<213> Homo sapiens

<400> 36611
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gccn 124

<210> 36612
<211> 117
<212> DNA
<213> Homo sapiens

<400> 36612
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aaatttcaaa cttaaaagaa tgagtacaac aaacagctat gtacaccttc cctagat 117

<210> 36613
<211> 226
<212> DNA
<213> Homo sapiens

<400> 36613
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tttctgttct gtataawagt atctaattgt ggcaaaaatt gaattttttg aagtatacag 180
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<210> 36614
<211> 233
<212> DNA
<213> Homo sapiens

<400> 36614
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<210> 36615
<211> 400
<212> DNA
<213> Homo sapiens

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<210> 36616
<211> 233
<212> DNA
<213> Homo sapiens

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hammacsttg ggctcccaa agtgctggga ttacaggcat aagcctctgt gccagctga 180
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<210> 36617
<211> 329
<212> DNA
<213> Homo sapiens

<400> 36617
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tatttatata catcattaca aatctgtttt tgggggttcc tggcactact caacaaataa 240
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<211> 247
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aaatgagaac agggaaagtc ccagcmagca ttcacttagg ttacagtaga gagaaacagt 180
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agcgatt 247

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<212> DNA
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<211> 257
<212> DNA
<213> Homo sapiens

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gagagttgta caamtgggcc ccgbacccca tctgataaca ttttcatcac cccagadaga 180
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<211> 121
<212> DNA
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<210> 36622
<211> 254
<212> DNA
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grctcctgga gcraggaag aarggtgcag gaggttaact tggcctctcc accctcccca 180
gcgccccctg gcatttgaac gtgtacgaca gagagagama gagagagaga gaggagccag 240
ctggcacggg gtca 254

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<211> 267
<212> DNA
<213> Homo sapiens

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gcctcwkrth ttaaacytt cttaccctga attacattht gttackttca cttttadkta 180
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267

<210> 36624

<211> 166

<212> DNA

<213> Homo sapiens

<400> 36624

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<210> 36625

<211> 221

<212> DNA

<213> Homo sapiens

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gtcgaggttc	ttaagaagtg	gmgatgaaga	agttttcccc	gtaactgggg	cagacgcagg	180
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<210> 36626

<211> 254

<212> DNA

<213> Homo sapiens

<400> 36626

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aagtgtgrg	yatmhaggcg	kgagctaccg	camctggcct	gatttgga	tatttcabct	180
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<211> 228

<212> DNA

<213> Homo sapiens

<400> 36627

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tccaacttgc	cgggcccacc	agctgcatac	aactctggac	ggctttgaat	gcagcccaac	180
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<210> 36628

<211> 162

<212> DNA

<213> Homo sapiens

<400> 36628

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gggaatcatt tcaggggttr tggcccamat cwagtgatga gc 162

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 <211> 109
 <212> DNA
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<210> 36630
 <211> 114
 <212> DNA
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<400> 36630
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 <212> DNA
 <213> Homo sapiens

<400> 36631
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<210> 36632
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 <212> DNA
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<400> 36632
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 <212> DNA
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<210> 36634
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 36634
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 gaamctgaar tsacacagca ggargtgast rncaggttaag tgagcattac cgcctgagtt 180
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<210> 36635
 <211> 131
 <212> DNA
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 gtgttgataa t 131

<210> 36636
 <211> 141
 <212> DNA
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<400> 36636
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<210> 36637
 <211> 185
 <212> DNA
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<400> 36637
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<210> 36638
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<400> 36638
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ctgtgatcag catggcagtg gtacatcagg aacgtctcta tcaagaatac aatttcagcn 120
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ggatgg 186

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<211> 441
<212> DNA
<213> Homo sapiens

<400> 36640
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gaatagaaat accatttgac ccagccatcc cattactcgg tatataccca aaggattata 180
aatcatgctg ctataaagac acatgcacac atatgtttat tgaggcatca ttcacaatat 240
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aggacatgta tgaagctgga aaccatcatt ctgagcaaac tgtcgcaaga acagvaaacc 420
aaacaccgca tgttctcact c 441

<210> 36641
<211> 76
<212> DNA
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cayacctttt gaatgt 76

<210> 36642
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<212> DNA
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<400> 36642
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<212> DNA
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 gccaaaggthg tctaggrwg gcmcacgggg rtgctggaat tggcactwca gggccagsmt 180
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 aagac 245

<210> 36645
 <211> 263
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<400> 36645
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 agctagacaa gaagaaagtt agctttgtaa acttctactt catttgattc agagaaacag 180
 agcatgagtt ttcttagaag taacaagaaa aggaacaaaa aaaaatgagg tttgaaatct 240
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<210> 36646
 <211> 138
 <212> DNA
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 atagtggcca mccaatag 138

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 <211> 252
 <212> DNA
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 gaagtgagtc ccacctggac cttatcaaaa ctactcactc cacctgggcc cctgctgaag 180
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 atgaagcac aa 252

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 <211> 178
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<400> 36648
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<210> 36649
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 aaaatttatt tccaattta atttgttgaa atttttcaaa gactcacaat ggtgtgcagg 180
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 <212> DNA
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 tggtagagtgc ctgtgatccc agcat 145

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 <212> DNA
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 atttgtgggt atgatattta tgctggacac atgggcacc 159

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 <212> DNA
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 <212> DNA
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taagtggatt tcttttgcaa gtgaacatga tcattgaaag ttgatatggc agtttccagg 240
aaataaatgc attctttgta gaatgggggt g 271

<210> 36656
<211> 267
<212> DNA
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aataagtaaa taaagttgct tgggaat 267

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<212> DNA
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<211> 178
<212> DNA
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<400> 36658
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agaggtttaa tggactcaca gttccacgtg gctggggagg cttcacaatc atggtgga 178

<210> 36659
<211> 52
<212> DNA
<213> Homo sapiens

<400> 36659
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<210> 36660
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<212> DNA
<213> Homo sapiens

<400> 36660
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<210> 36661
<211> 146
<212> DNA
<213> Homo sapiens

<400> 36661
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<211> 135
<212> DNA
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<400> 36662
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agttttgaag tcttt 135

<210> 36663
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<212> DNA
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<400> 36663
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ggatctctag aggccmaga 139

<210> 36664
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<212> DNA
<213> Homo sapiens

<400> 36664
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<211> 428

<212> DNA

<213> Homo sapiens

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ggggaaacag	atggagtcct	tcctgaaggc	aaacatcctg	ggtctcgccg	ccggccaagc	360
gctgtggmgc	tcctgaccgt	cgtctcctca	mgtccgnatt	ttcaaatttt	tgtatacccc	420
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<210> 36672

<211> 109

<212> DNA

<213> Homo sapiens

<400> 36672

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<210> 36673

<211> 239

<212> DNA

<213> Homo sapiens

<400> 36673

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tgggtgcccc	acaccttcga	atcgagctc	agcgavcctg	tggagctcct	ggtggcagaa	180
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<210> 36674

<211> 361

<212> DNA

<213> Homo sapiens

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<212> DNA
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<212> DNA
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<211> 68
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